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ABSTRACT

The activities in this mathematics workbook are designed to provide pupils with practice in mastering the performance objectives of Level 2, Part 2, in the Comprehensive Instructional Management System (CIMS) for New York City schools. It follows the sequence of the teacher's manual, with the objective number listed on each page. The 128 performance objectives are listed first, followed by the worksheets, ready for pupil use. (MNS)

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CIMS

COMPREHENSIVE INSTRUCTIONAL MANAGEMENT SYSTEM

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A Cyclical Mathematics Curriculum

SE 047 529

Workbook Part 2

NEW YORK CITY BOARD OF EDUCATION
OFFICE OF CURRICULUM DEVELOPMENT AND SUPPORT
DIVISION OF CURRICULUM & INSTRUCTION

03-2002-21

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FOREWORD

The Comprehensive Instructional Management System (CIMS) is a unified mathematics curriculum for grades K-7. The curriculum is cyclical in design, and reflects the most recent New York City and New York State guidelines.

Utilizing the experience of our system's teachers, we have developed a teacher-designed curriculum that includes a rich selection of classroom-tested successful mathematics activities. The major goal of the CIMS mathematics project is to provide the classroom teacher with a well-structured, objective-based curriculum. All objectives are supported by a variety of strategies. Student mastery of these objectives is readily diagnosed through the system's testing component.

The curriculum format is structured to allow the teacher to determine the ability level of the students in the topic under study, and to permit the students to move forward at their individual rates. Each module of instruction provides the teacher with a set of related performance objectives. These objectives are supported by activities which probe and develop the students' readiness to undertake new skills and concepts. Further reinforcement is given to mastery of the objectives through accompanying student workbooks.

It is hoped that this curriculum will not only assist teachers in developing vital mathematics instruction, but will serve to expand and enrich students' mathematics skills.

Charlotte Frank

Charlotte Frank,
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ACKNOWLEDGMENTS - 1985

The Comprehensive Instructional Management System (CIMS) was developed as a project of the Division of Curriculum and Instruction, Charlotte Frank, Executive Director. Mr. Bernard Mecklowitz, Community School Superintendent CSD 1; Dr. Peter Negroni, Community School Superintendent CSD 12; Dr. Harvey Garner, Community School Superintendent CSD 18; Carlos Edwards, Community School Superintendent CSD 23, and Joseph Pacheco, Community School Superintendent CSD 32 supervised the overall development of the CIMS program within their respective districts.

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To The Teacher:

The activities in the CIMS student workbook are designed to provide the pupils with practice in mastering the curriculum's performance objectives and follows the sequence of the CIMS teacher's manual. Each workbook activity page lists the corresponding performance objective number in the upper left hand corner. The activity page numbers are identical to those found in the CIMS teacher's manual.

To The Student:

This mathematics workbook will help you to practice many of the new ideas your teachers have presented. Each worksheet has examples of the material you have studied in your daily mathematics lesson. As you proceed through this workbook, you will notice that you have learned many skills and will be ready to move on to more difficult ones.

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2.10.12.01	Identify relationships between seconds and minutes, and minutes and hours	66a

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LEVEL 2

P.O. NUMBER	PERFORMANCE OBJECTIVE DESCRIPTION	PAGE NUMBER
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2.10.12.03	Solve story problems related to skills learned in this module	66d
2.09.04.01	Compare attributes such as size, shape, and weight of common three-dimensional objects	67a
2.09.04.02	Compare attributes such as texture, or properties such as sliding or rolling	67b
2.09.04.03	Recognize shapes that fit without gaps	67c
2.02.06.01	Use the commutative property of addition with numbers through 999	68a
2.02.06.02	Use tables to discover patterns of the commutative property	68b
2.02.06.03	Use the associative property of addition with numbers through 999	68c
2.03.06.01	Recognize that the commutative property does not apply to subtraction	69a
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2.04.05.02	Apply the commutative property of multiplication to the three times table through 5 groups of three	73b
2.04.05.03	Apply the commutative property of multiplication to the four times table through 5 groups of four	73c
2.05.06.01	Recognize the division symbol (÷)	74a
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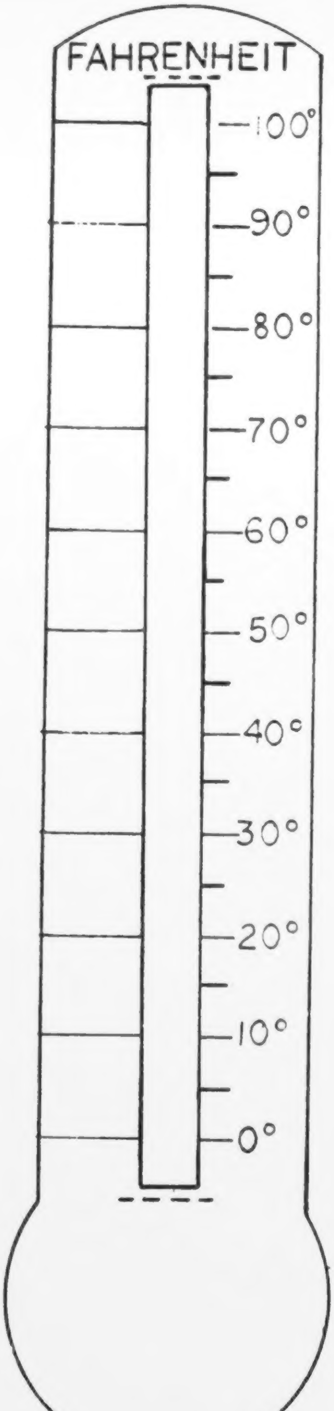
2.05.06.03	Demonstrate related facts for number families	74c
2.12.14.01	Make arrangements for 2 through 5 items using all the items	75a
2.12.04.02	Define and identify subsets of a given set of objects	75b
2.12.04.03	Make subsets of 1 or 2 objects from sets of 3 or 4 concrete objects	75c
2.12.05.01	Use two-to-one correspondence to develop the concept of ratio	76a
2.12.05.02	Use a chart to show ratio	76b
2.13.05.01	Determine whether sufficient information exists to solve a problem	77a
2.13.05.02	Supply missing information to solve a problem	77b
2.10.14.01	Identify relationships between a liter and a deciliter	78a

P.O. 2.10.04.02

NAME:____________________________CLASS:_________DATE:________

Glue the thermometer to a piece of oaktag or cardboard. Cut a slot at each dotted line. Cut a strip of paper, half red and half white, to fit in the slots to make your thermometer.


FAHRENHEIT
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°

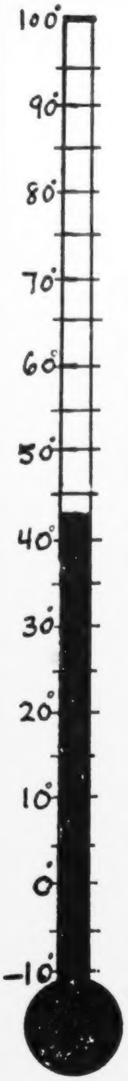
P.O. 2.10.04.02

NAME: ______________________ CLASS: __________ DATE: __________

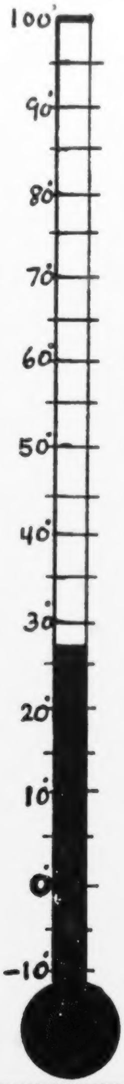
Write the temperature that each Fahrenheit thermometer shows to the nearest five or ten degrees.

What temperature is shown on each thermometer?

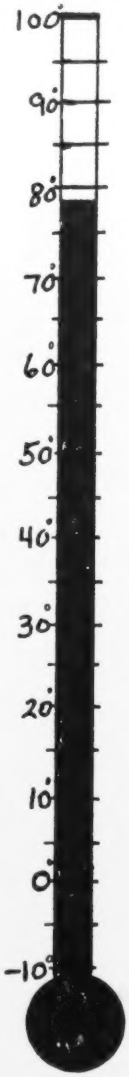
45°


100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°

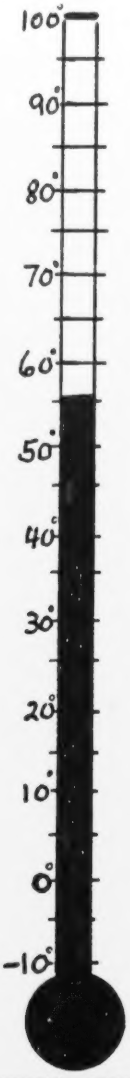
____


100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°

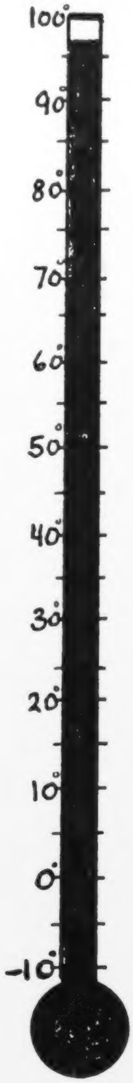
____


100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°

____


100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°

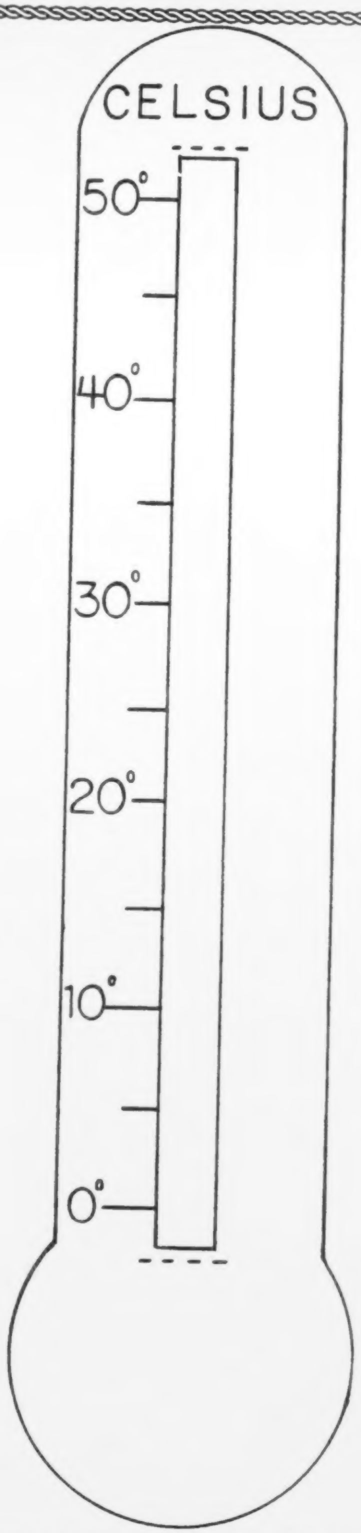
____


100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°

P.O. 2.10.04.03

NAME: ______________________________ CLASS: __________ DATE: ________

Glue the thermometer to a piece of oaktag or cardboard. Cut a slot at each dotted line. Cut a strip of paper, half red and half white, to fit in the slots to make your thermometer.

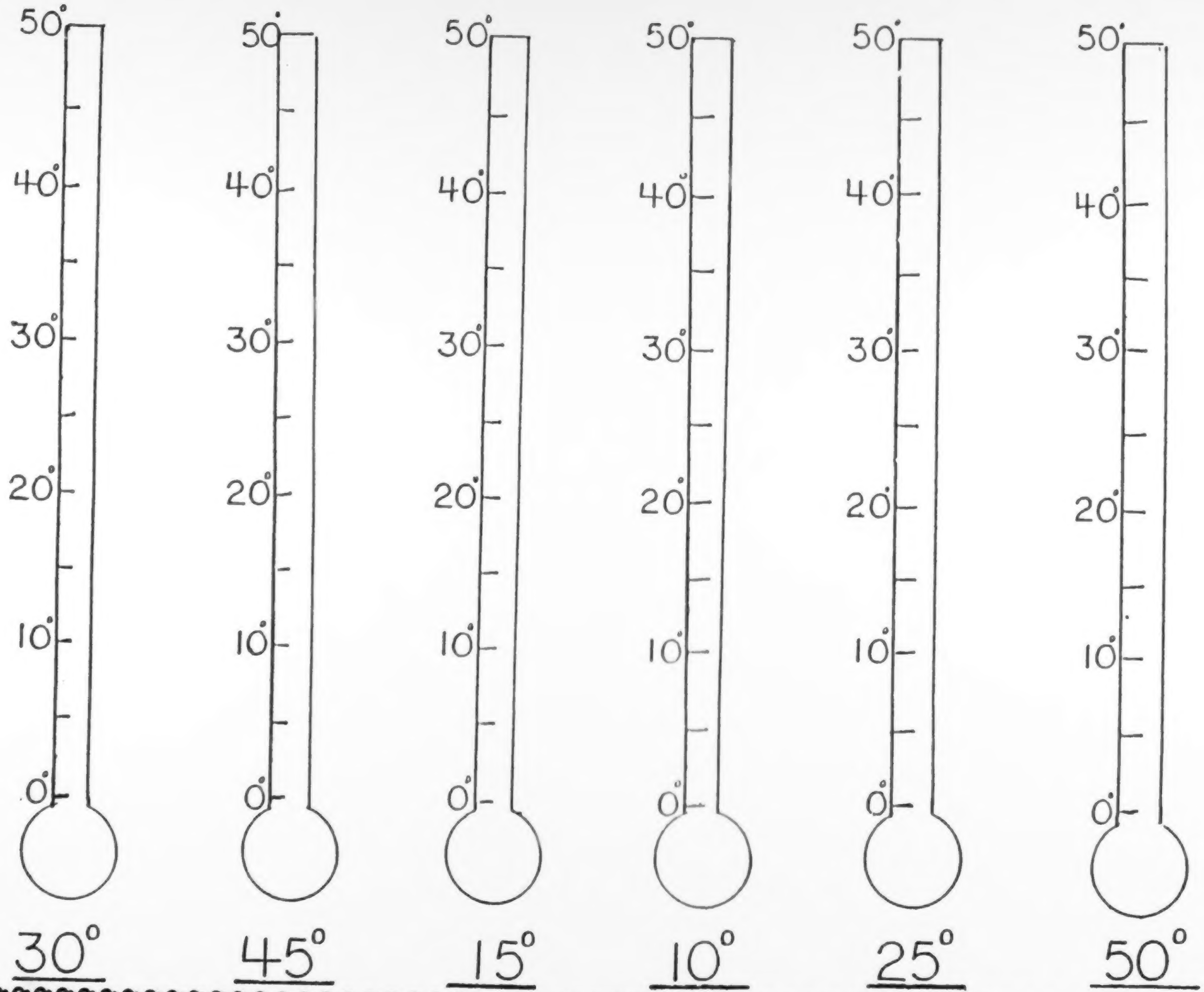


P.O. 2.10.04.03

NAME: ____________ CLASS: ________ DATE: ________

Color each Celsius thermometer to show the correct temperature.

Fill in each thermometer to show the correct temperature.

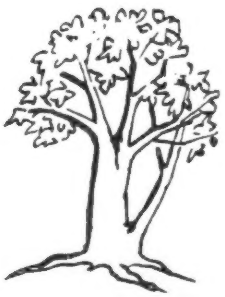

50°
40°
30°
20°
10°
0°
30°
45°
15°
10°
25°
50°

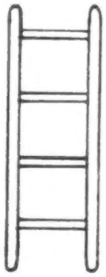
P.O. 2.09.03.01

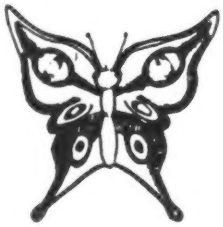
NAME: ______________________ CLASS: __________ DATE: ________

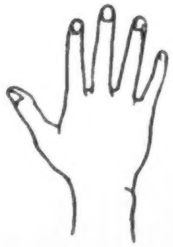
Follow the directions in each part.

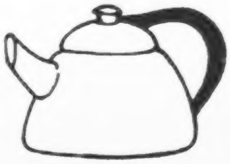
Draw a ring around the objects that have a line of symmetry.

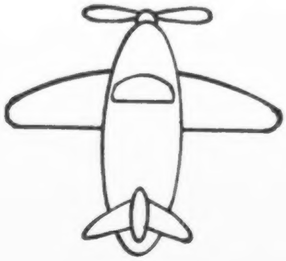


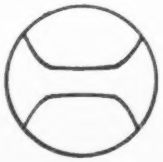




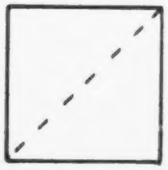


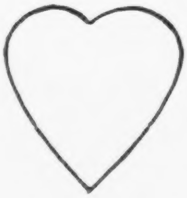


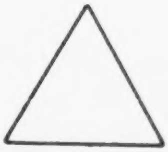


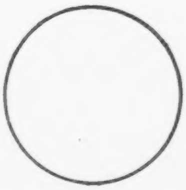


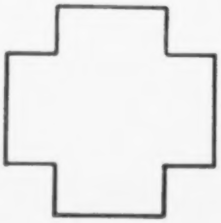
Draw a line of symmetry in each shape.











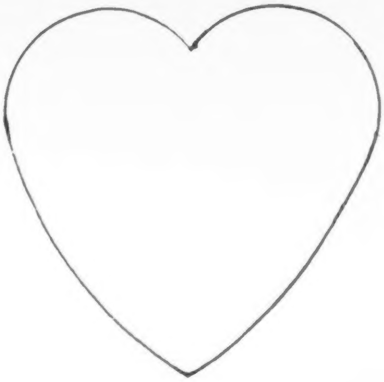
DO YOU REMEMBER?

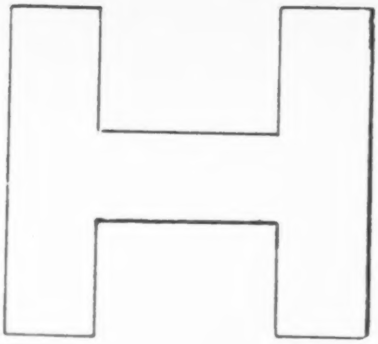
My number is between 40 and 60.
It is odd.
The sum of the digits is 11.
The number is ________.

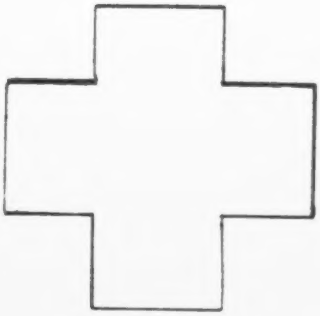
P.O. 2.09.03.02

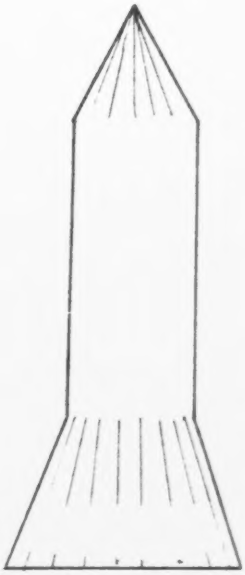
NAME: ____________________ CLASS: __________ DATE: ________

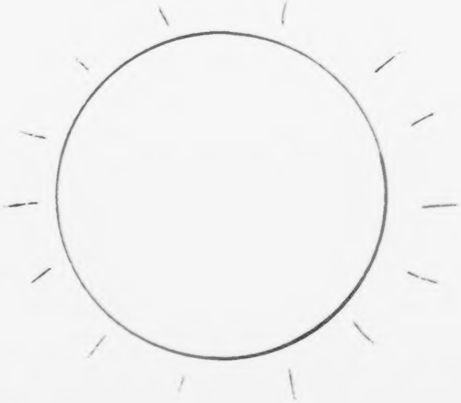
Draw the line(s) of symmetry for each shape. Circle the shapes which have more than one line of symmetry.

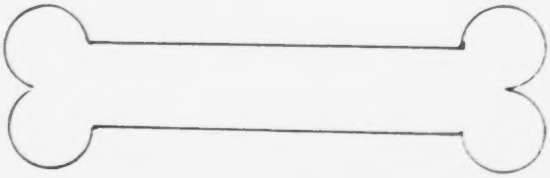








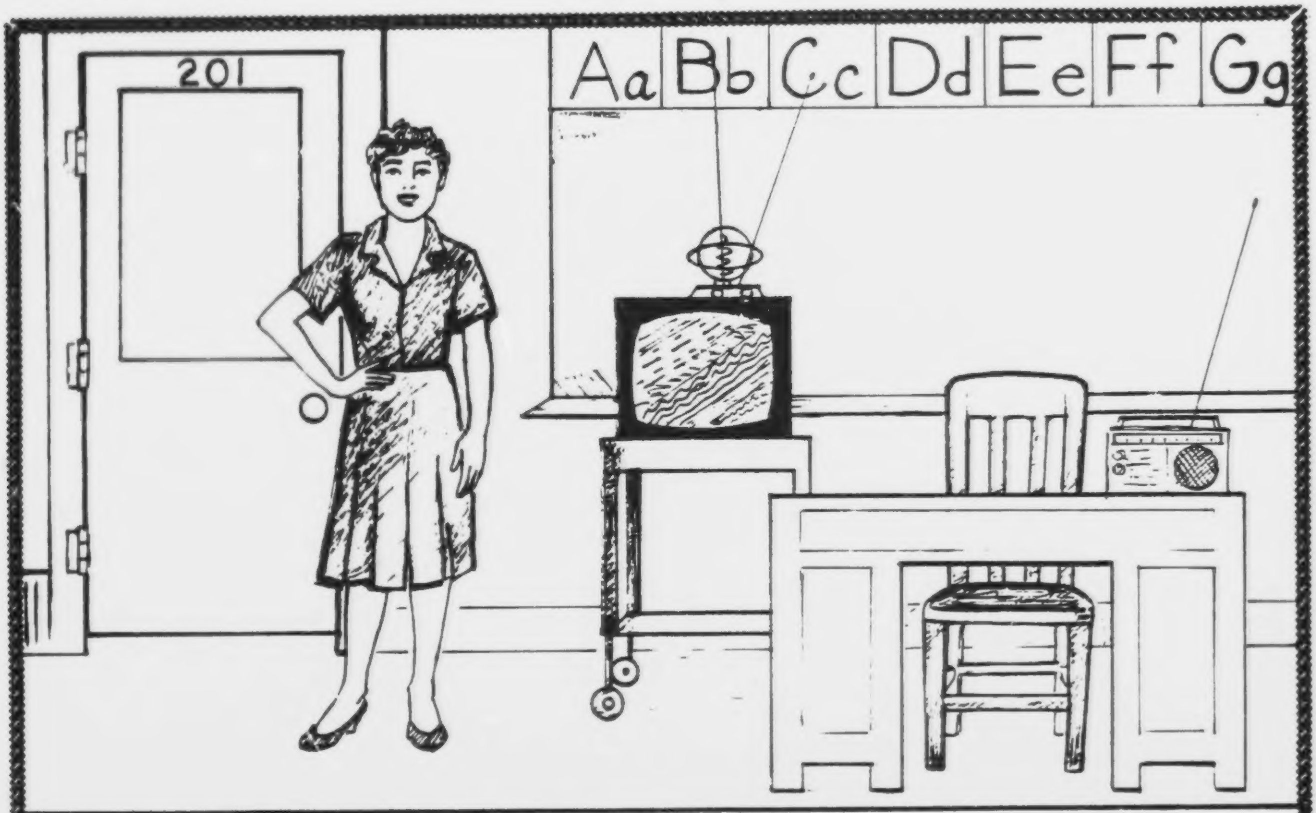


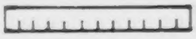


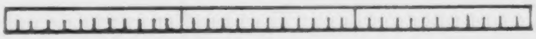
P.O. 2.10.05.01

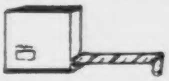
NAME: ______________________ CLASS: __________ DATE: __________

Write the name of the measuring tool which you would use to measure the length, width, or height of each object.


201
Aa Bb Cc Dd Ee Ff Gg


12 in. ruler


yardstick

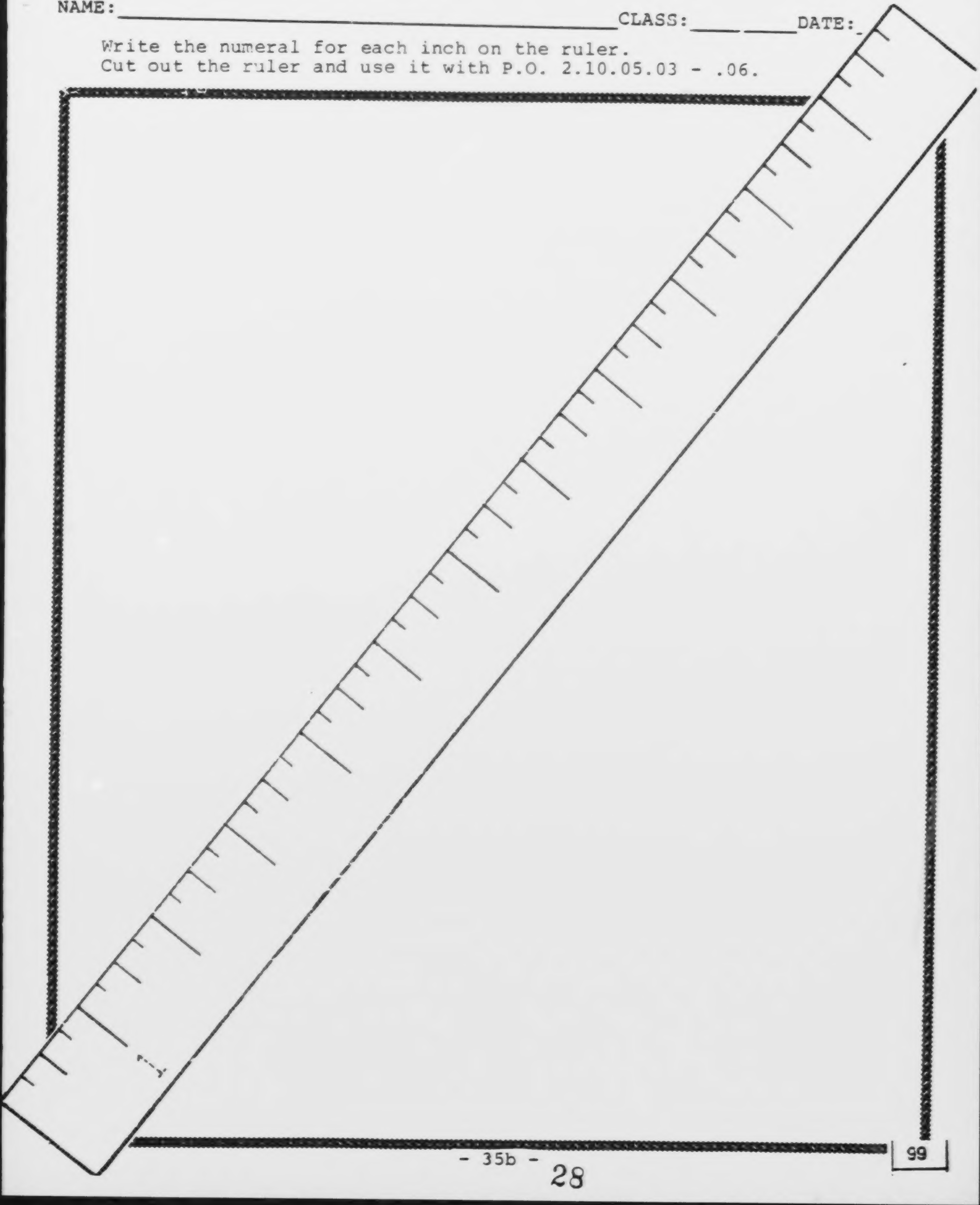

tape measure

Object	Tool
1. desk	
2. radio	
3. T.V.	
4. teacher	
5. T.V. table	
6. door	
7. chalkboard	

P.O. 2.10.05.02

NAME: ______________________ CLASS: ____ ____ DATE: ____

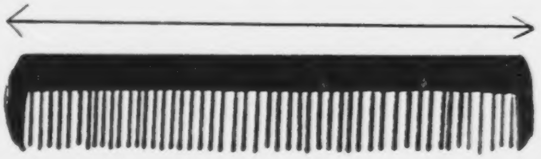
Write the numeral for each inch on the ruler.
Cut out the ruler and use it with P.O. 2.10.05.03 - .06.



P.O. 2.10.05.03

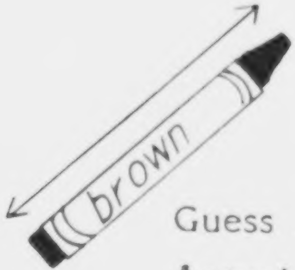
NAME: ________________________ CLASS: __________ DATE: ________

Guess the length of each item to the nearest inch. Use the ruler on page 35b to measure each item. Record your guess and the actual measurement.



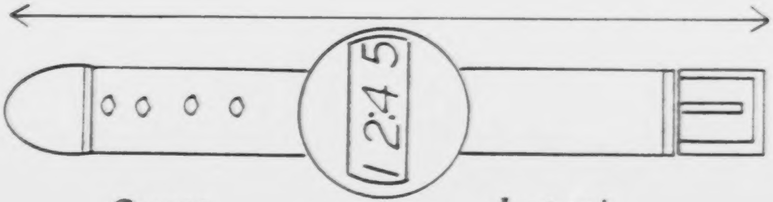
Guess ________

Actual ________

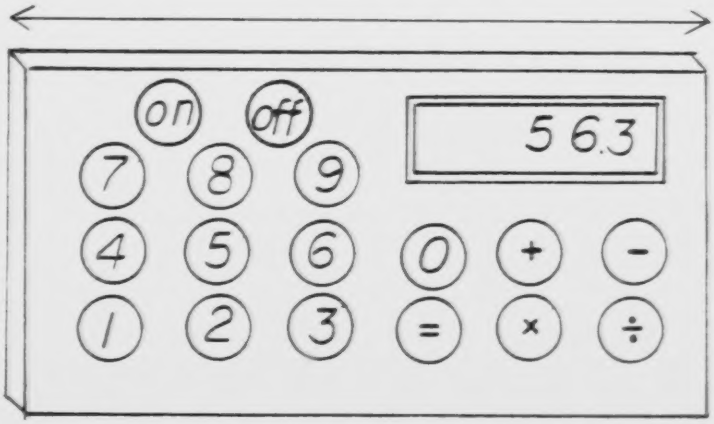


Guess ________

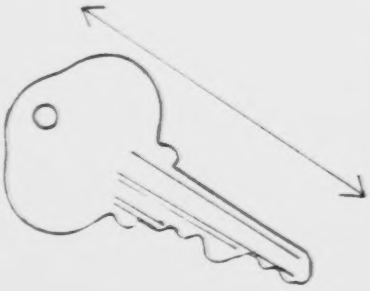
Actual ________



Guess ________ Actual ________

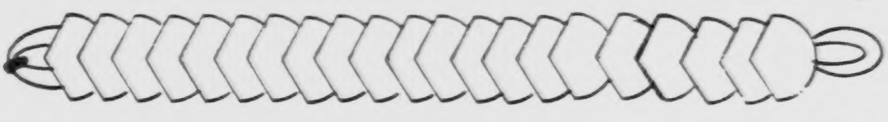

on
off
56.3
7 8 9
4 5 6 0 + −
1 2 3 = × ÷

Guess ________ Actual ________



Guess ________

Actual ________



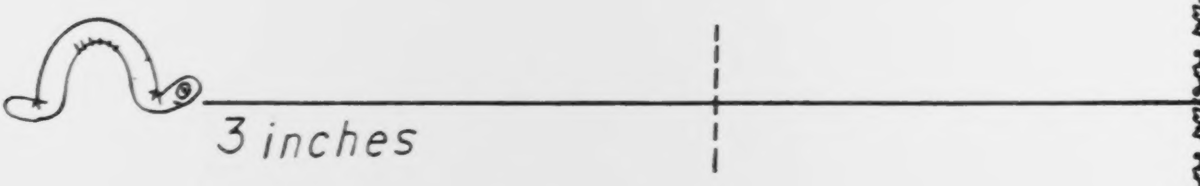
Guess ________

Actual ________

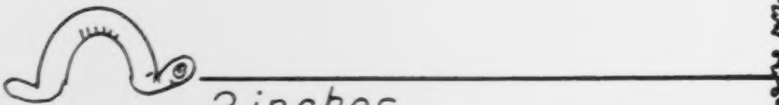
P.O. 2.10.05.04

NAME:________________________ CLASS:__________ DATE:________

Draw a line where the inchworm will stop.



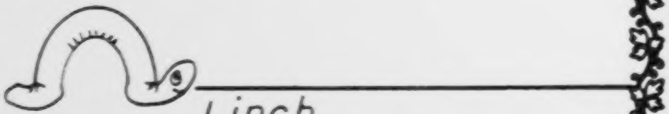
3 inches



2 inches

6 inches

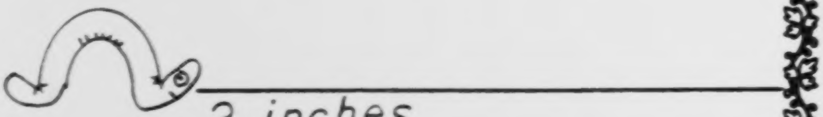
4 inches



1 inch

5 inches

4 inches



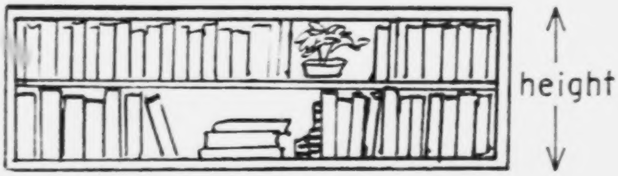
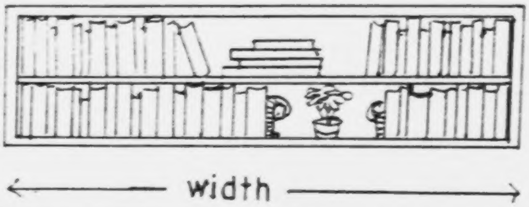
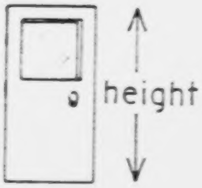
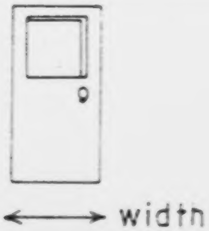
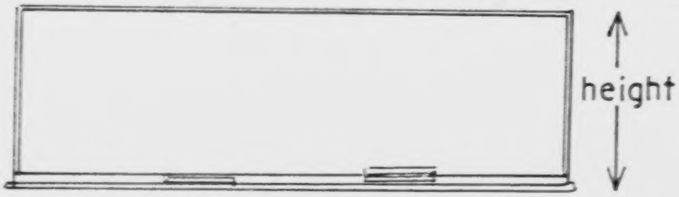
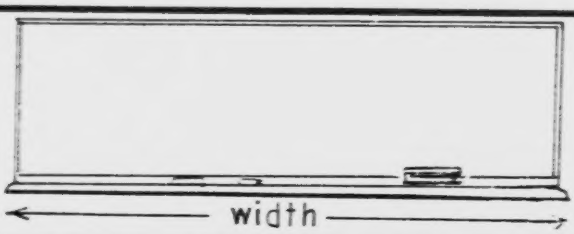
2 inches

1 inch

P.O. 2.10.05.06

NAME: ______________________ CLASS: ________ DATE: ________

Write your name and a classmate's name in the spaces shown. Guess the height or width of each item below in your classroom. Then use a ruler to measure the actual height or width. Whose guess was closer to the actual measurement each time?

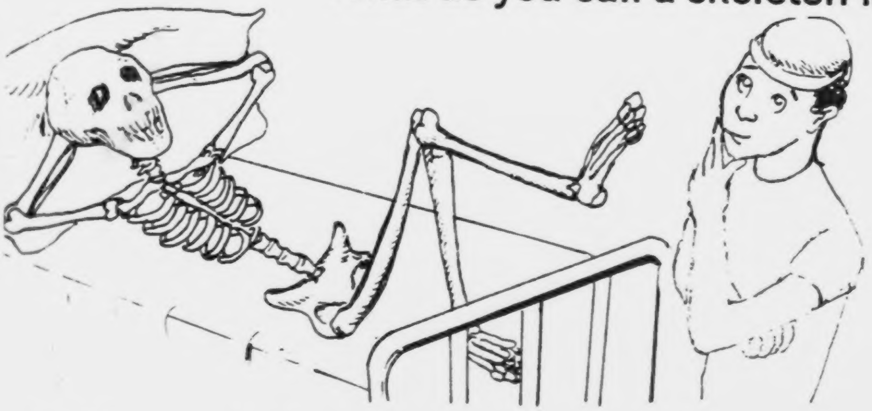
	Guess		Actual Length
	name	name	
	3′	4′	5′
			
			
			
			
			

P.O. 2.02.03.01

NAME:________________________ CLASS:________ DATE:________

Add. Use the addition answers with the code to solve the riddle.

What do you call a skeleton laying in bed?



CODE

B	O	L	A	N	E	Z	Y
2	9	6	4	3	7	5	8

① 23 + 41

$$\begin{array}{rcl} 20 + 3 & = & 23 \\ +\ 40 + 1 & = & +41 \\ \hline 60 + 4 & = & 64 \end{array}$$

② 21 + 37

___ + ___ =

___ + ___ = ___

___ + ___ = ___

③ 14 + 15

___ + ___ =

___ + ___ = ___

___ + ___ = ___

④ 25 + 12

___ + ___ =

___ + ___ = ___

___ + ___ = ___

ANSWER

1: 6 4

2: ___ ___

3: ___ ___

4: ___ ___ S

104

P.O. 2.02.03.02

NAME: ____________________ CLASS: ________ DATE: ________

Use expanded notation to do the addition. Check your answer.

①

264
+232

200 + 60 + 4 = 264
+200 + 30 + 2 = +232
400 + 90 + 6 = 496

②

603
+ 341

____ + ____ + __ = ____
____ + ____ + __ = ____
____ + ____ + __ = ____

③

552
+ 140

____ + ____ + __ = ____
____ + ____ + __ = ____
____ + ____ + __ = ____

④ *There were 413 people at the circus on Monday and 375 people at the circus on Tuesday. How many people were there on both days?*

____ + ____ + __ = ____
____ + ____ + __ = ____
____ + ____ + __ = ____

P.O. 2.02.03.03

NAME: ____________________ CLASS: ________ DATE: ________

Add. Circle the answers which have numerals in counting order.

A.

412
+44
______

400 + 10 + 2 = 412
+ 40 + 4 = +44
400 + 50 + 6 = 456

B.

743
+52
______

____ + ____ + ____ =
+ ____ + ____ = ____
____ + ____ + ____ = ____

C.

636
+42
______

____ + ____ + ____ =
+ ____ + ____ = ____
____ + ____ + ____ = ____

D.

545
+32
______

____ + ____ + ____ =
+ ____ + ____ = ____
____ + ____ + ____ = ____

E.

At Big Burger 672 chocolate shakes were sold and 17 vanilla shakes were sold. How many shakes were sold in all?

____ + ____ + ____ =
+ ____ + ____ = ____
____ + ____ + ____ = ____

P.O. 2.03.03.01

NAME: ______________________ CLASS: __________ DATE: ________

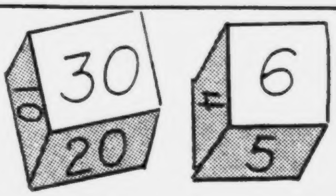
Follow the directions below.

Susan and Tony were rolling dice. They had to subtract 15 from their score each time. Help them find their scores for each roll.

The winner is the one with the highest score. Circle the score of the winner of each game.

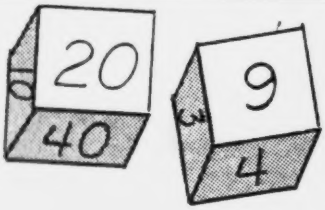
Susan's Scores | Tony's Scores

Game 1



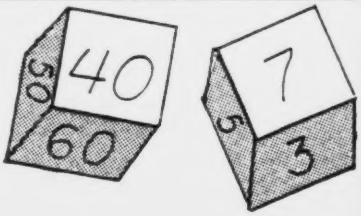
36
−15
21

30+6
−(10+5)
20+1=21

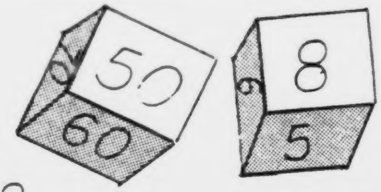


29
−15

Game 2

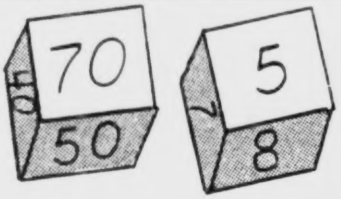


47
−15

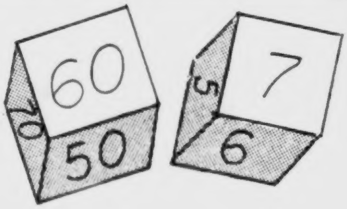


58
−15

Game 3



75
−15

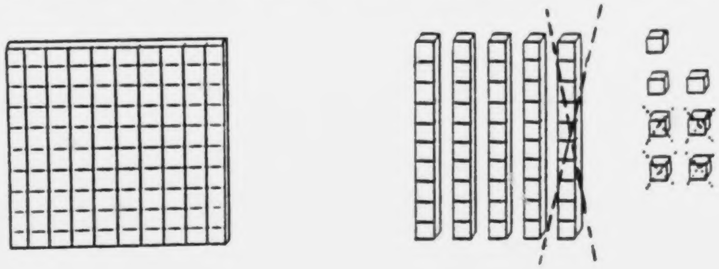


67
−15

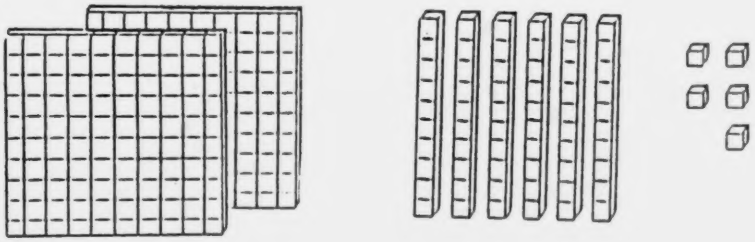
P.O. 2.03.03.02

NAME: ______________________ CLASS: __________ DATE: ________

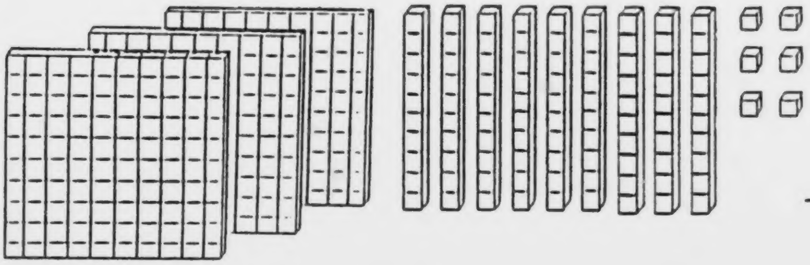
Cross out the amount of squared material to be taken away.
Complete the subtraction examples.



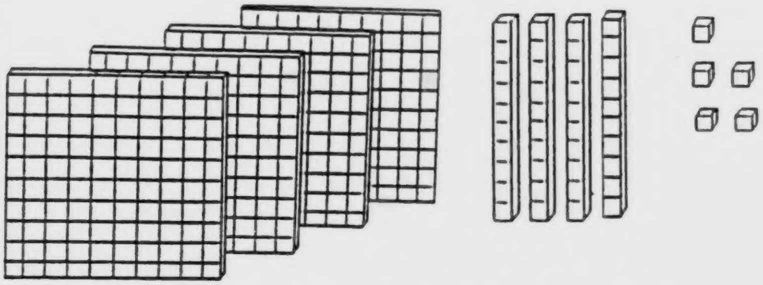
157 = 100 + 50 + 7
-14 = ... (10 + 4)
143 = 100 + 40 + 3



265 = ___ + ___ + ___
-23 = ___ ___ + ___
_____ = ___ + ___ + ___



396 = ___ + ___ + ___
-83 = ___ ___ + ___
_____ = ___ + ___ + ___



445 = ___ + ___ + ___
- 31 = ___ ___ + ___
_____ = ___ + ___ + ___

P.O. 2.03.03.02

NAME: ____________________ CLASS: ________ DATE: ________

Expand each number and then do the subtraction.

①

187
− 52

100 + 80 + 7 = 187
− (60 + 2) = − 52
100 + 30 + 5 = 135

②

374
− 21

___ + ___ + ___ = ___
− ___ + ___ = − ___
___ + ___ + ___ = ___

③

298
− 76

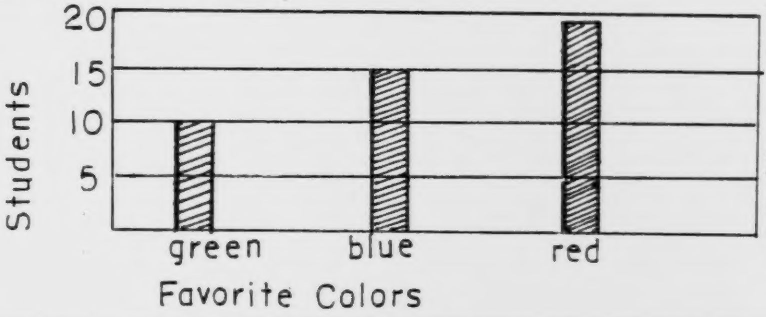
___ + ___ + ___ = ___
− ___ + ___ = − ___
___ + ___ + ___ = ___

④

463
− 12

___ + ___ + ___ = ___
− ___ + ___ = − ___
___ + ___ + ___ = ___

DO YOU REMEMBER?



Which is the favorite color? ____________

How many more students like blue than green? ________

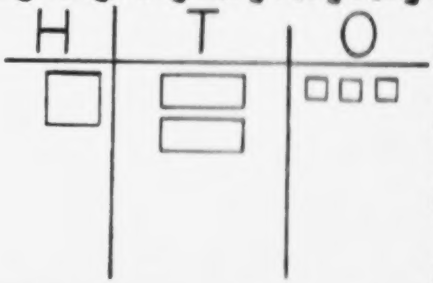
P.O. 2.03.03.03

NAME: ____________________ CLASS: __________ DATE: ________

Write the expanded notation and do the subtraction. Match your answer to the place value chart showing that number.

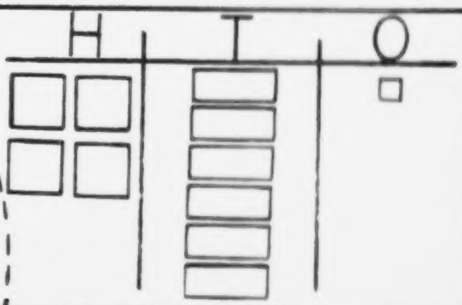
①

654   600 + 50 + 4 = 654
− 422   −400 + 20 + 2 = −422
     200 + 30 + 2 = 232



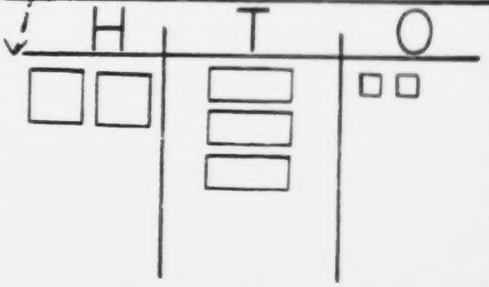
②

495   ____ + ____ + ___ = ____
− 372   − ____ + ____ + ___ = − ____
     ____ + ____ + ___ = ____



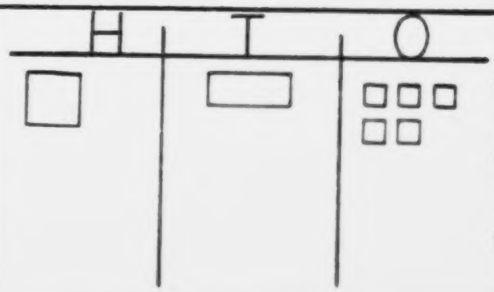
③

887   ____ + ____ + ___ = ____
− 426   − ____ + ____ + ___ = − ____
     ____ + ____ + ___ = ____



④

746   ____ + ____ + ___ = ____
− 631   − ____ + ____ + ___ = − ____
     ____ + ____ + ___ = ____



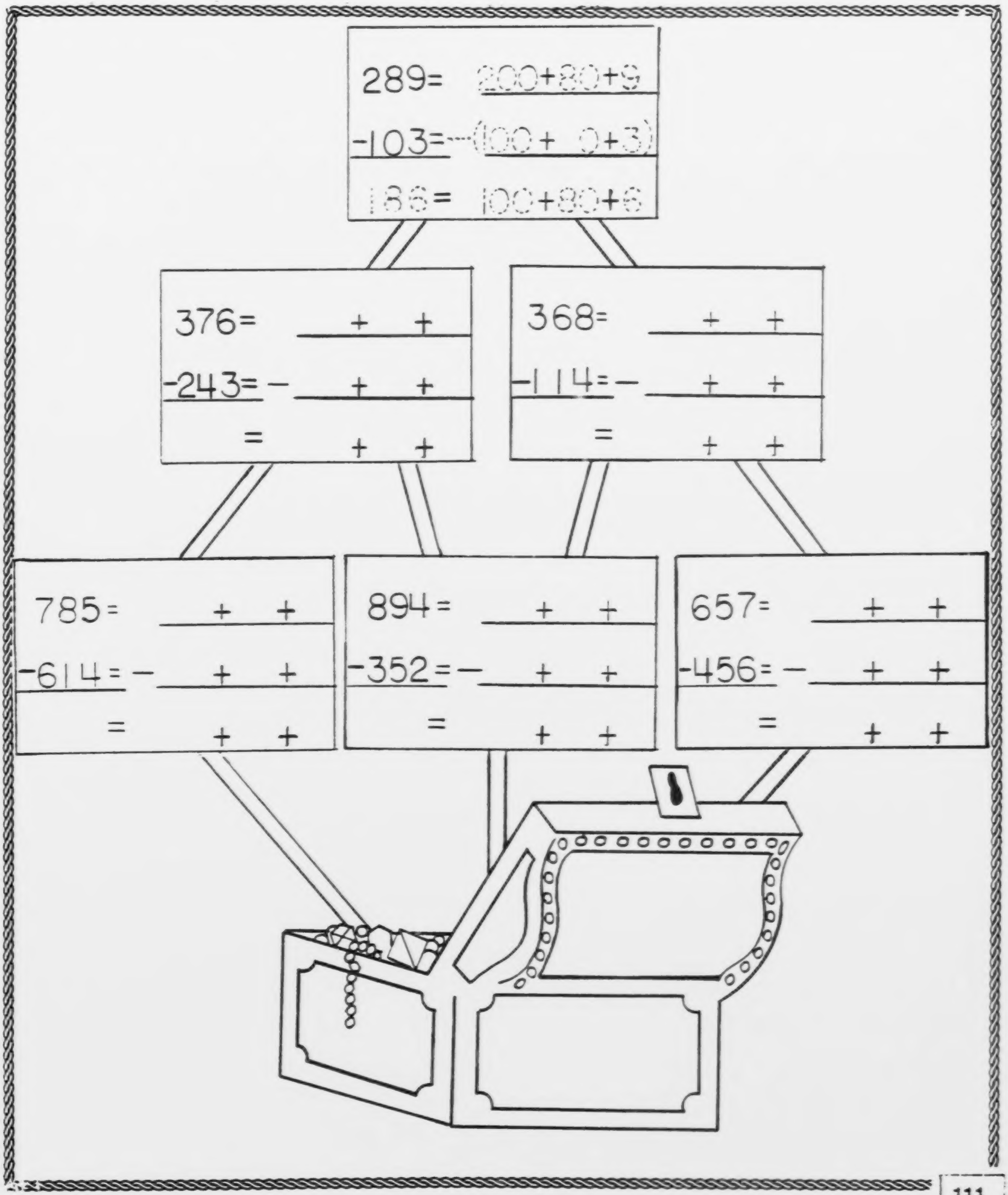
DO YOU REMEMBER?

Tom collected 34 postage stamps.
He needs 75 to complete his collection.
How many more stamps does he need?

P.O. 2.03.03.03

NAME: ______________________ CLASS: _________ DATE: _______

Solve each example. Reach the treasure chest by drawing a line along the path which shows the answers getting larger.



289 = 200+80+9
-103 = -(100+ 0+3)
186 = 100+80+6

376 = ___ + ___ + ___
-243 = - ___ + ___ + ___
= ___ + ___ + ___

368 = ___ + ___ + ___
-114 = - ___ + ___ + ___
= ___ + ___ + ___

785 = ___ + ___ + ___
-614 = - ___ + ___ + ___
= ___ + ___ + ___

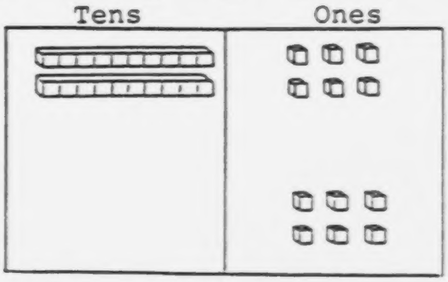
894 = ___ + ___ + ___
-352 = - ___ + ___ + ___
= ___ + ___ + ___

657 = ___ + ___ + ___
-456 = - ___ + ___ + ___
= ___ + ___ + ___

P.O. 2.02.04.01

NAME:__________ CLASS:__________ DATE:__________

Add using expanded notation with regrouping.

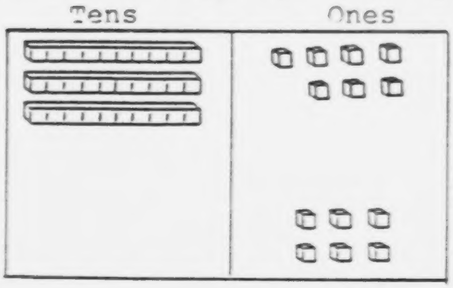


26 = 20+6

+ 6   + 6

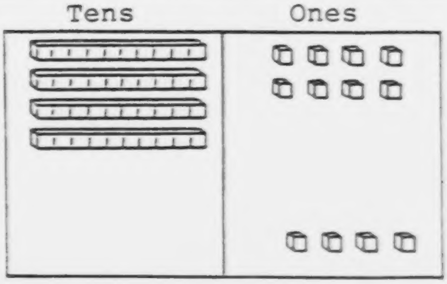
20+12 =

20+10+2 = 32



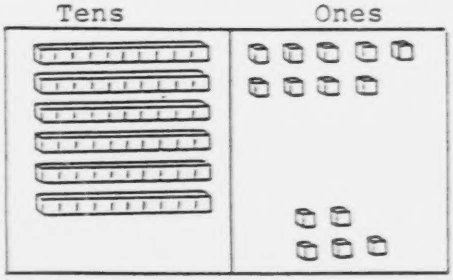
37 =

+ 6



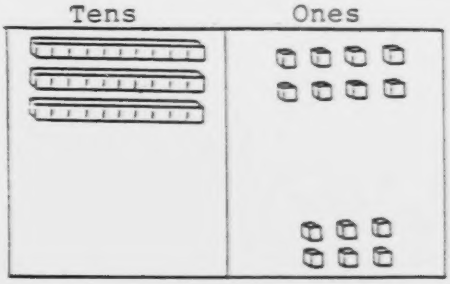
48 =

+ 4



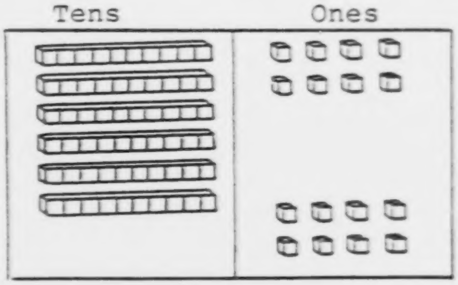
69 =

+ 5



38 =

+ 6



68 =

+ 8

P.O. 2.02.04.02

NAME: ______________________ CLASS: __________ DATE: __________

Choose one item from each column. Write the name of each and its price. What is the total of each bill? Check your answers.

SCHOOL STORE PRICE LIST

Large Notebook	*-85¢*	*Bookmark*	*- 7¢*
Small Notebook	*-64¢*	*Eraser*	*-8¢*
Ruler	*-58¢*	*Book Cover*	*-9¢*
Pen	*-47¢*	*Pencil*	*-6¢*

Choose 1 item from each column.

Large Notebook 85¢ Book Cover + 9¢ Total	Check 9¢ +85¢	____________ ____________ _____	Check
____________ ____________ _____	Check	____________ ____________ _____	Check

P.O. 2.02.04.03

NAME: ____________________ CLASS: ________ DATE: ________

Solve each problem. Check your work.

Little Bo Peep counted 22 sheep. Then she counted 9 more sheep. How many sheep did she count in all?	22 + 9	check 9 + 22
The King was in the counting house. He counted 49 gold coins. He counted 7 silver coins. How many coins did he count in all?		
Jack and Jill went up the hill. Jack filled 18 pails of water. Jill filled 9 pails of water. How many pails did they fill in all?		
Simple Simon met a pie man. He had 35 apple pies and 8 cherry pies. How many pies did he have in all?		
Hickory, dickory, dock! 19 mice ran up the clock. Then 4 more mice ran up the clock. How many mice ran up the clock in all?		

P.O. 2.03.04.01

NAME: ______________________ CLASS: ________ DATE: ________

Solve each example. Find and circle your answer in the bingo box.
How many examples must you complete before you get bingo?

44	19	9	84
8	15	25	28
37	88	67	3
59	58	33	77

① $$\begin{array}{rcrcr} 51 & = & 50+1 & = & 40+11 \\ \underline{-7} & = & \underline{-\quad 7} & = & \underline{-\qquad 7} \\ & & & & 40+4=44 \end{array}$$

⑦ $$\begin{array}{rcrcr} 67 & = & 60+7 & = & \underline{\quad}+\underline{\quad} \\ \underline{-9} & = & \underline{-\quad 9} & = & \underline{-\qquad 9} \end{array}$$

② $$\begin{array}{rcrcr} 17 & = & 10+7 & = & \underline{\quad}+\underline{\quad} \\ \underline{-8} & = & \underline{-\quad 8} & = & \underline{-\qquad 8} \end{array}$$

⑧ $$\begin{array}{rcrcr} 73 & = & 70+3 & = & \underline{\quad}+\underline{\quad} \\ \underline{-6} & = & \underline{-\quad 6} & = & \underline{-\qquad 6} \end{array}$$

③ $$\begin{array}{rcrcr} 23 & = & 20+3 & = & \underline{\quad}+\underline{\quad} \\ \underline{-4} & = & \underline{-\quad 4} & = & \underline{-\qquad 4} \end{array}$$

⑨ $$\begin{array}{rcrcr} 43 & = & 40+3 & = & \underline{\quad}+\underline{\quad} \\ \underline{-9} & = & \underline{-\quad 9} & = & \underline{-\qquad 9} \end{array}$$

④ $$\begin{array}{rcrcr} 24 & = & 20+4 & = & \underline{\quad}+\underline{\quad} \\ \underline{-9} & = & \underline{-\quad 9} & = & \underline{-\qquad 9} \end{array}$$

⑩ $$\begin{array}{rcrcr} 32 & = & 30+2 & = & \underline{\quad}+\underline{\quad} \\ \underline{-9} & = & \underline{-\quad 9} & = & \underline{-\qquad 9} \end{array}$$

⑤ $$\begin{array}{rcrcr} 33 & = & 30+3 & = & \underline{\quad}+\underline{\quad} \\ \underline{-8} & = & \underline{-\quad 8} & = & \underline{-\qquad 8} \end{array}$$

⑪ $$\begin{array}{rcrcr} 66 & = & 60+6 & = & \underline{\quad}+\underline{\quad} \\ \underline{-7} & = & \underline{-\quad 7} & = & \underline{-\qquad 7} \end{array}$$

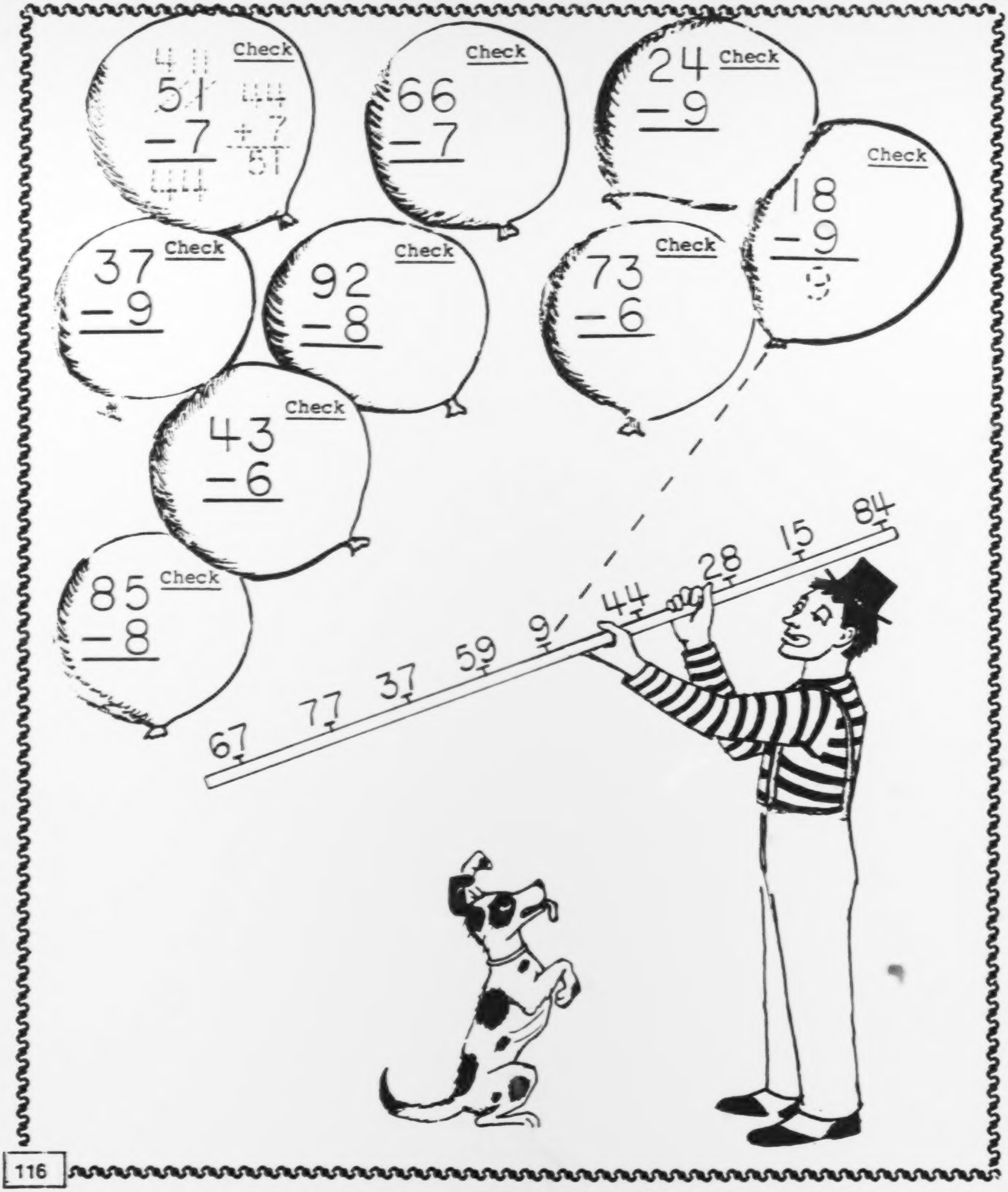
⑥ $$\begin{array}{rcrcr} 96 & = & 90+6 & = & \underline{\quad}+\underline{\quad} \\ \underline{-8} & = & \underline{-\quad 8} & = & \underline{-\qquad 8} \end{array}$$

⑫ $$\begin{array}{rcrcr} 85 & = & 80+5 & = & \underline{\quad}+\underline{\quad} \\ \underline{-8} & = & \underline{-\quad 8} & = & \underline{-\qquad 8} \end{array}$$

P.O. 2.03.04.02

NAME: ______________________ CLASS: __________ DATE: ________

Subtract each example. Draw a string from each balloon to its answer on the balloon holder.



4 11
51
−7
44
Check
44
+7
51
Check
66
−7
24
−9
Check
Check
18
−9
9
37
−9
Check
Check
92
−8
Check
73
−6
Check
43
−6
Check
85
−8
67
77
37
59
9
44
28
15
84

P.O. 2.03.04.03

NAME: ____________________ CLASS: __________ DATE: __________

Each student spent some money. How much money does each student have left?

Bill had 24¢.

He spent 7¢.

24¢
−7¢

Bill has 17¢ left.

Anna had 35¢.

She spent 6¢.

Anna has ________ left.

Sue had 18¢.

She spent 9¢.

Sue has ________ left.

Juan had 81¢.

He spent 2¢.

Juan has ________ left.

Tina had 52¢.

She spent 4¢.

Tina has ________ left.

Tony had 73¢.

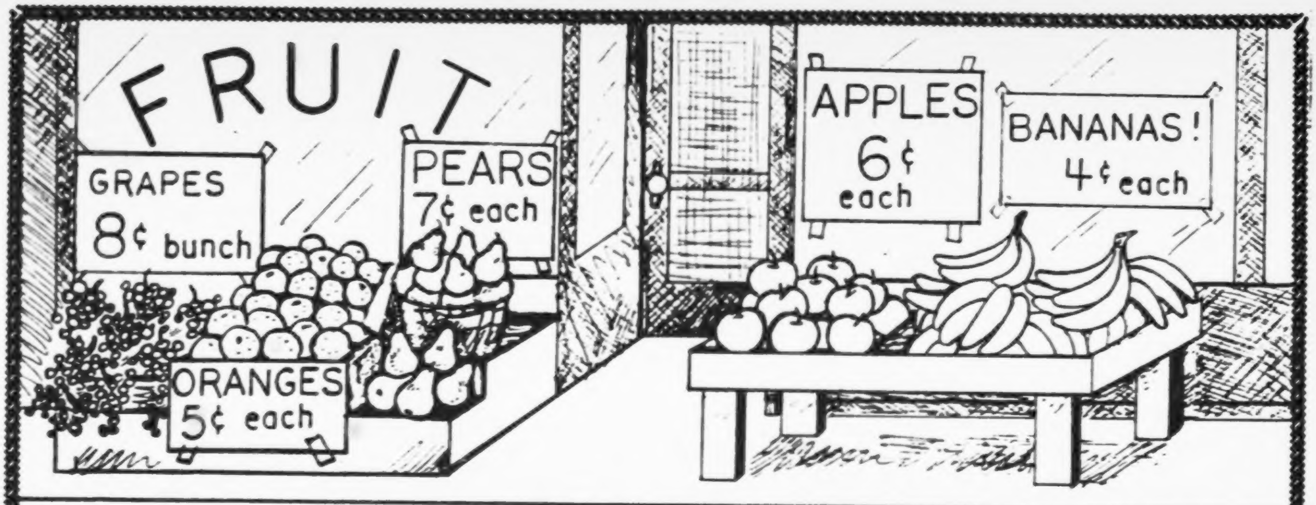
He spent 5¢.

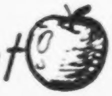
Tony has ________ left.

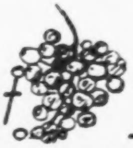
P.O. 2.03.04.04

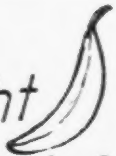
NAME: ______________________________ CLASS: ________ DATE: ______

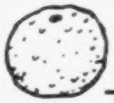
Subtract. Show the regrouping. Check your answer.

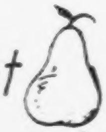

FRUIT
GRAPES 8¢ bunch
PEARS 7¢ each
ORANGES 5¢ each
APPLES 6¢ each
BANANAS! 4¢ each

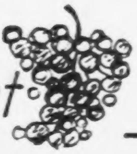
Had $\overset{1}{\cancel{2}}\overset{12}{\cancel{2}}$¢ **CHECK**
Bought  − 6¢
Money left 16¢

Had 37¢ **CHECK**
Bought  ____¢
Money left ¢

Had 51¢ **CHECK**
Bought  ____¢
Money left ¢

Had 63¢ **CHECK**
Bought  ____¢
Money left ¢

Had 73¢ **CHECK**
Bought  ____¢
Money left ¢

Had 47¢ **CHECK**
Bought  ____¢
Money left ¢

DO YOU REMEMBER?

526 = 500 + 20 + 6

343 = ____ + 40 + 3

287 = 200 + ____ + 7

103 = 100 + ____ + 3

888 = ____ + 80 + ____

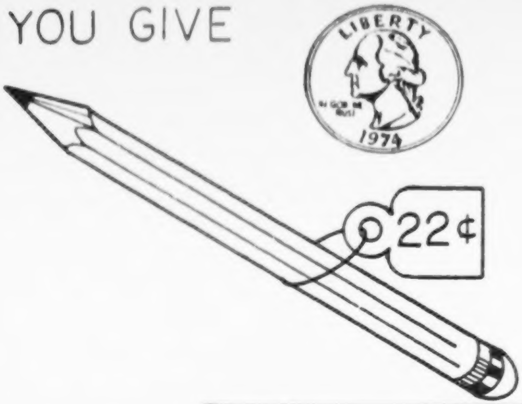
950 = ____ + ____ + ____

P.O. 2.10.06.01

NAME: ______________________ CLASS: __________ DATE: ________

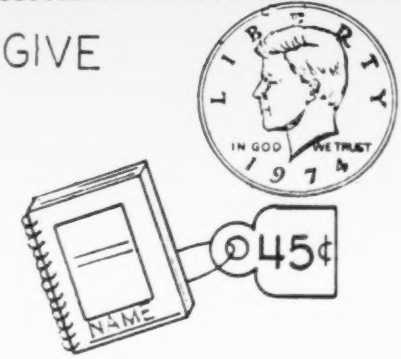
Cut and paste the fewest coins you need to make change.

YOU GIVE



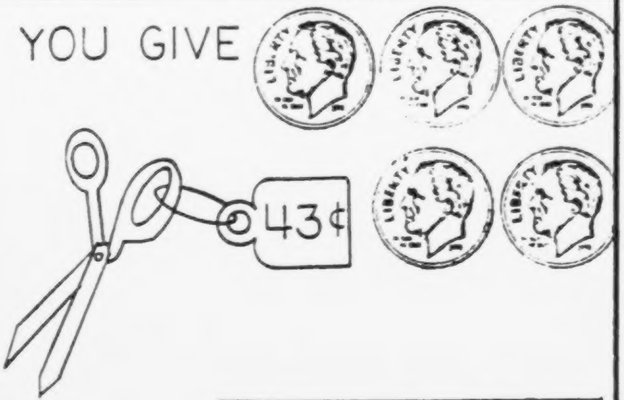
YOUR CHANGE IS

YOU GIVE



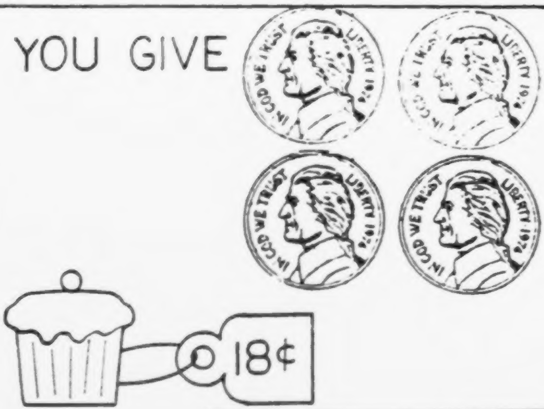
YOUR CHANGE IS

YOU GIVE

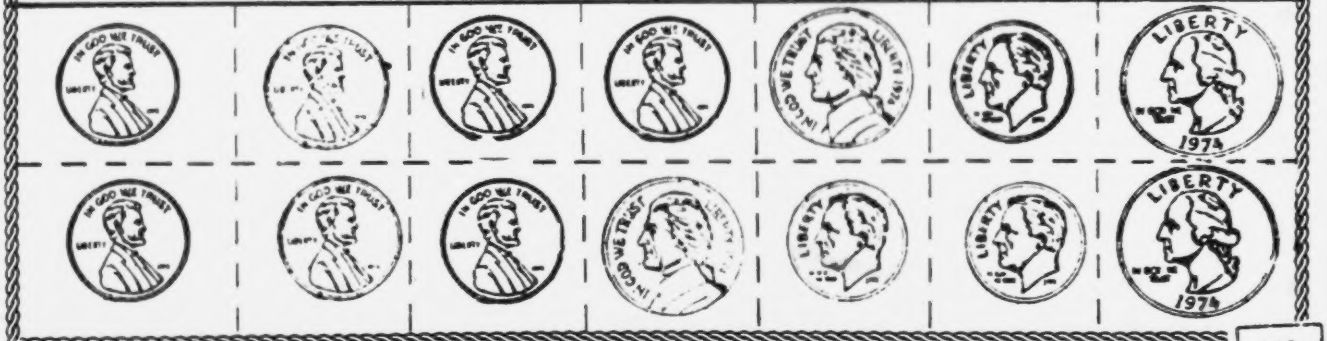


YOUR CHANGE IS

YOU GIVE



YOUR CHANGE IS

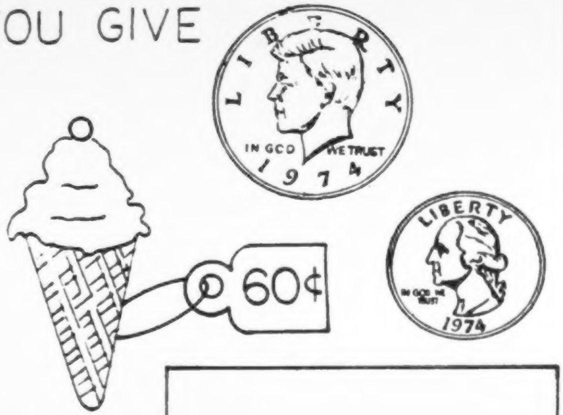


P.O. 2.10.06.02

NAME: ____________________ CLASS: __________ DATE: ________

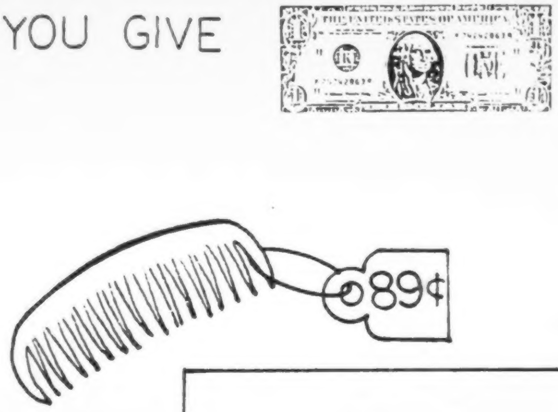
Cut and paste the fewest coins needed to make change.

YOU GIVE


LIBERTY
IN GOD WE TRUST
1974
60¢
LIBERTY
IN GOD WE TRUST
1974

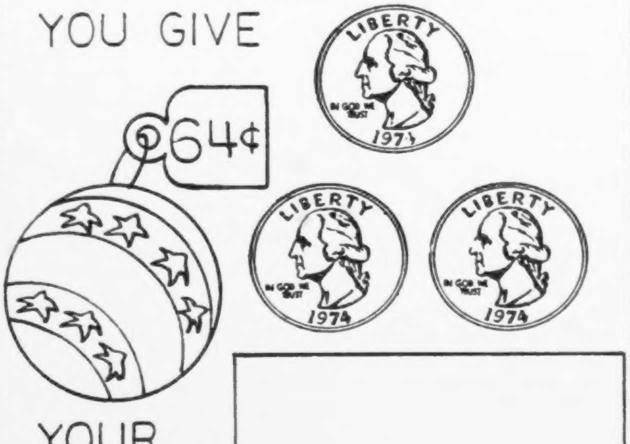
YOUR CHANGE IS

YOU GIVE



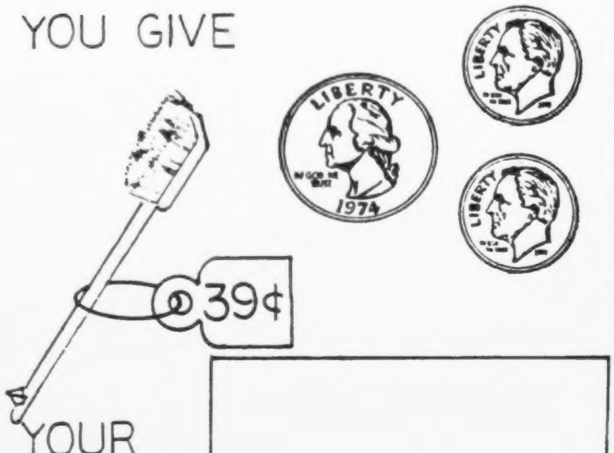
YOUR CHANGE IS

YOU GIVE

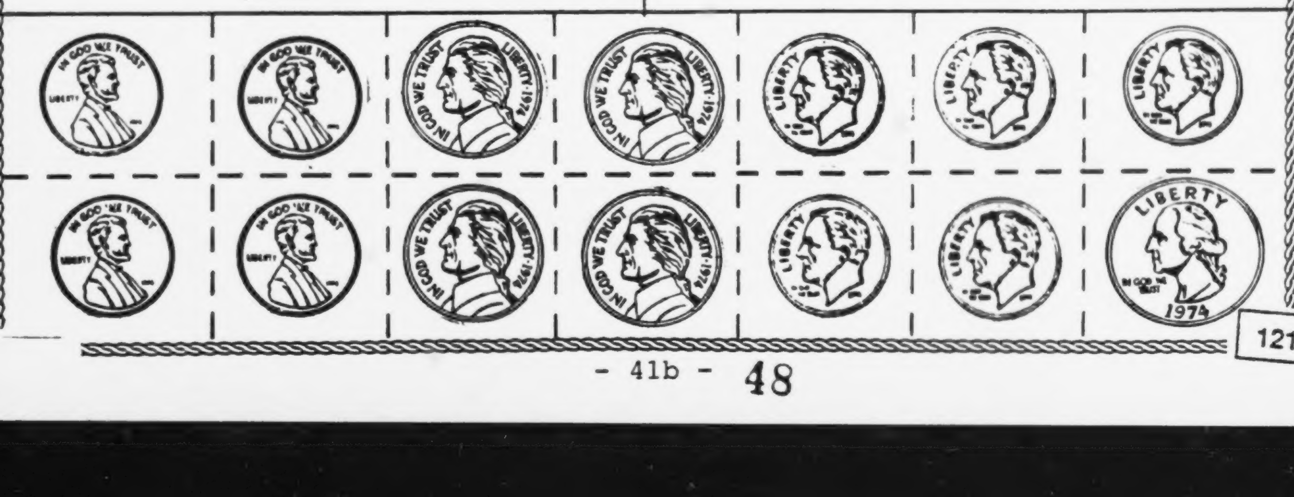

LIBERTY
1974
64¢
LIBERTY
1974
LIBERTY
1974

YOUR CHANGE IS

YOU GIVE


LIBERTY
LIBERTY
1974
LIBERTY
39¢

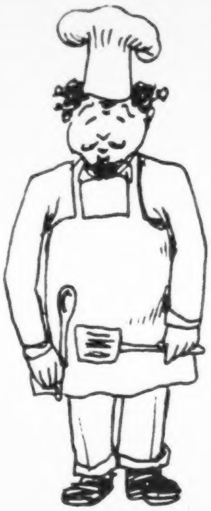
YOUR CHANGE IS


IN GOD WE TRUST
LIBERTY
IN GOD WE TRUST
LIBERTY
1974
LIBERTY
1974

P.O. 2.14.04.01

NAME: ______________________ CLASS: __________ DATE: ________

Follow the directions below.



Charles baked three pizzas.

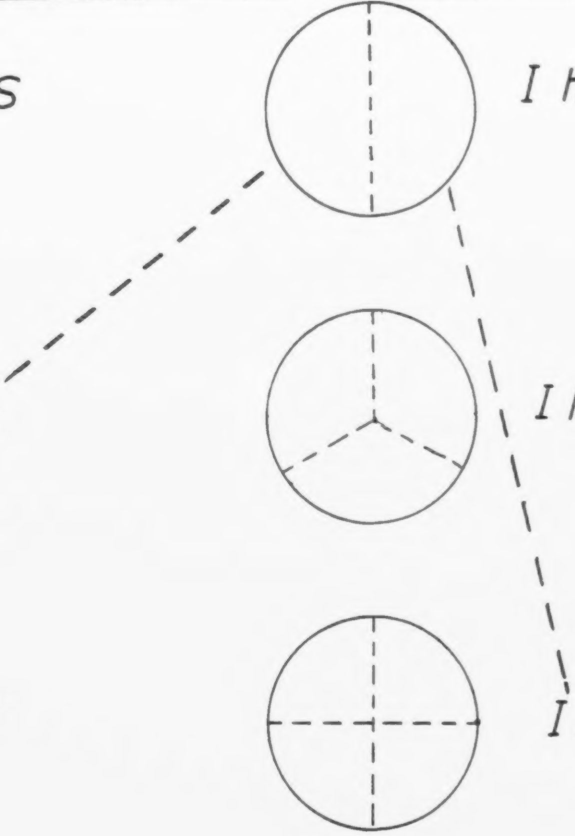
On Monday he cut a pizza in half.

On Tuesday he cut a pizza into thirds.

On Wednesday he cut a pizza into fourths.

Match the word with the pizza.

Match the sentence with the pizza.



fourths

halves

thirds

I have 3 equal parts.

I have 4 equal parts.

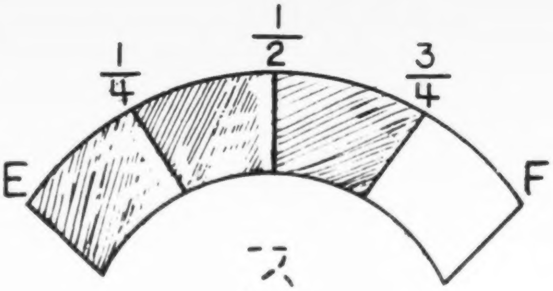
I have 2 equal parts.

P.O. 2.14.04.02

NAME: ______________________ CLASS: __________ DATE: __________

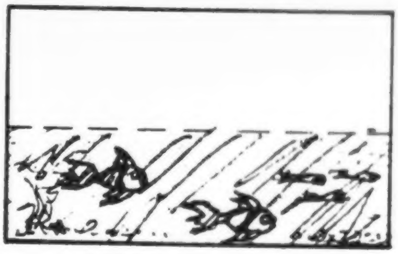
Write the fraction that answers each question.

How full is the gas tank?



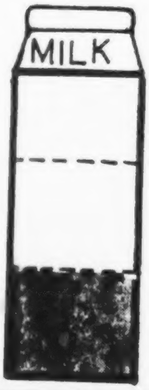
$\frac{3}{4}$

How full is the fish tank?



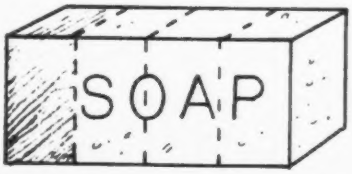
______

How full is the milk container?



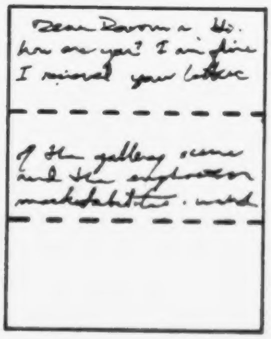
______

What part of the soap is shaded?



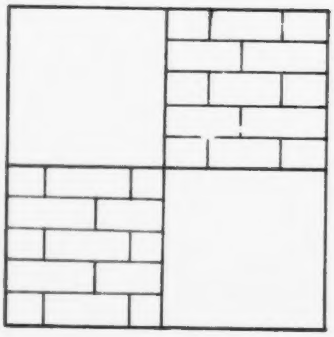
______

What part of the page has writing?



______

What part of the floor is tiled?

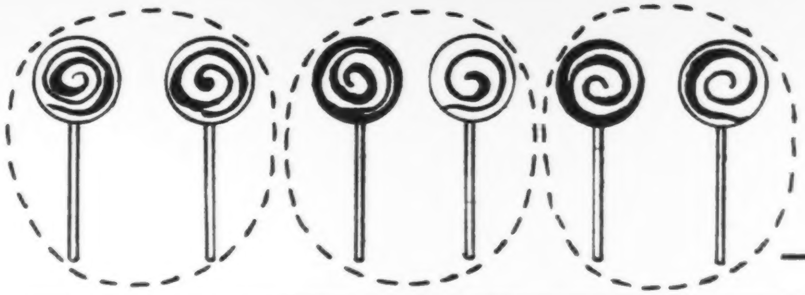


______

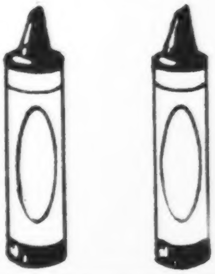
P.O. 2.04.01.01

NAME: ____________________ CLASS: ______ DATE: ______

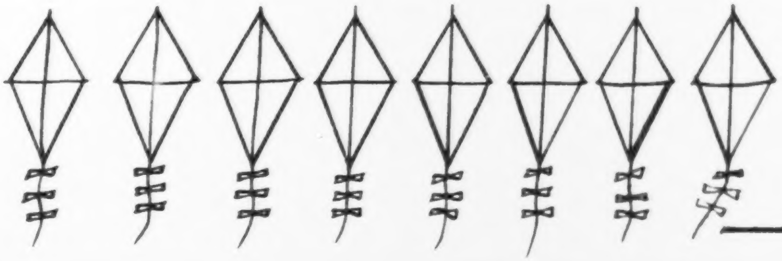
Circle groups of two. How many groups of two did you circle each time?



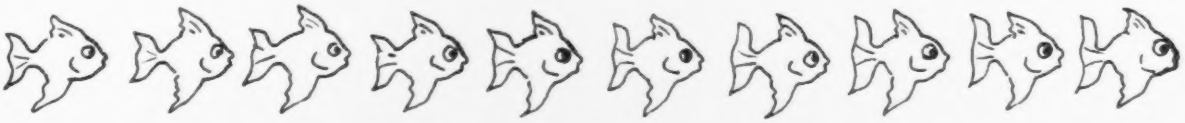
___ groups of two



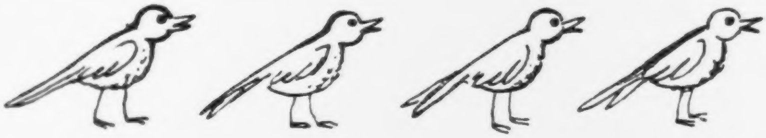
___ group of two



___ groups of two



___ groups of two

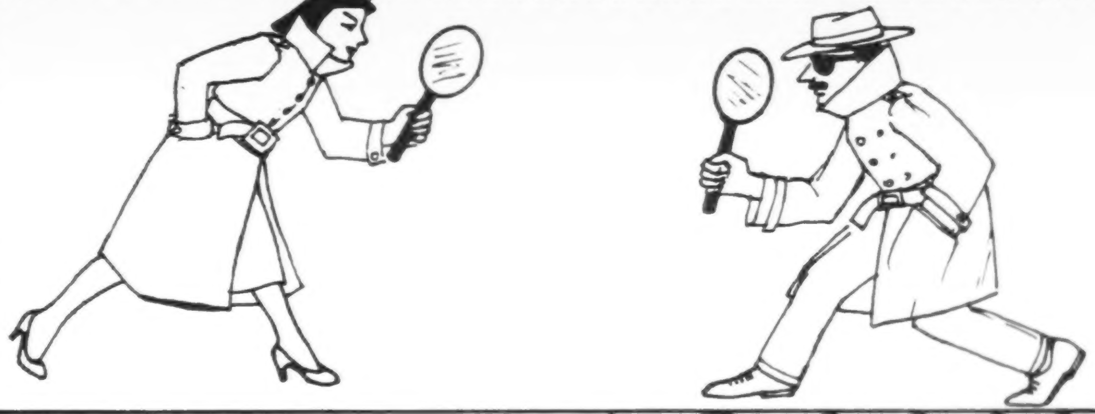


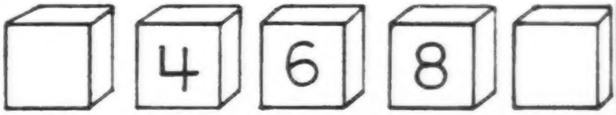
___ groups of two

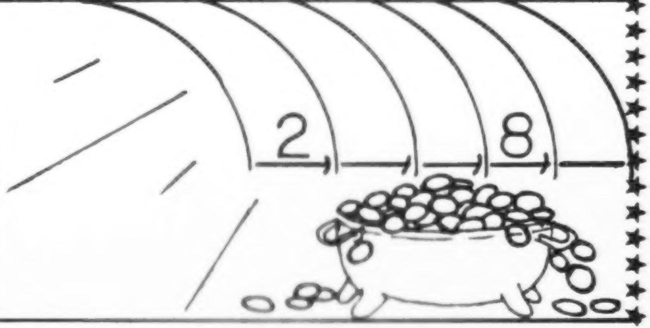
P.O. 2.04.01.02

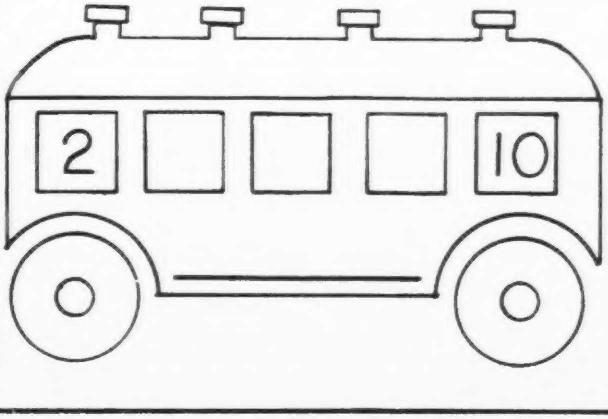
NAME: ______________________ CLASS: __________ DATE: __________

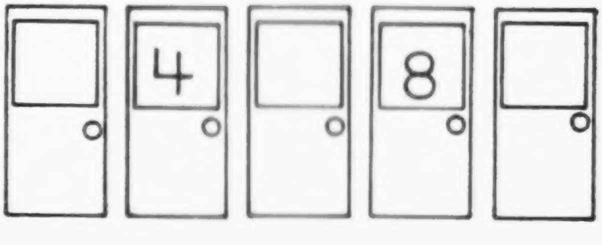
Help the detectives find the missing numbers. Count by twos.











DO YOU REMEMBER?

Name the Shape

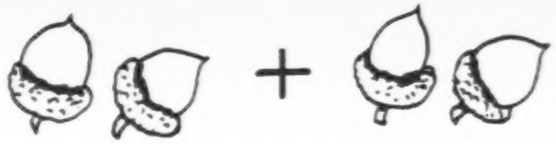
I have 4 sides and 4 square corners.
My 2 short sides are equal in length.
My 2 long sides are equal in length.

I am a ______________________

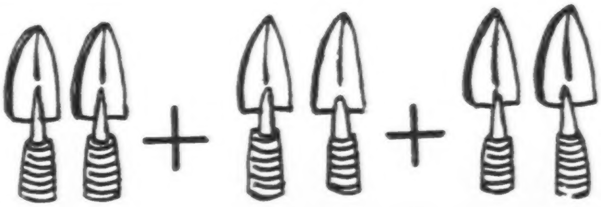
P.O. 2.04.01.03

NAME:________________________________ CLASS:________ DATE:______

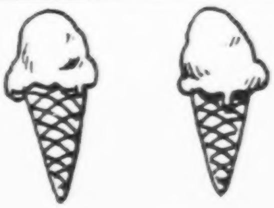
Complete each number story.



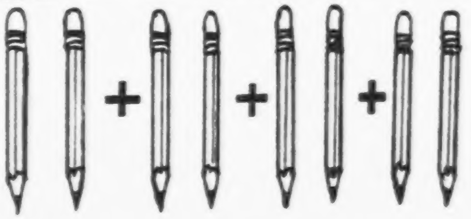
2 + 2 = 2 groups of two



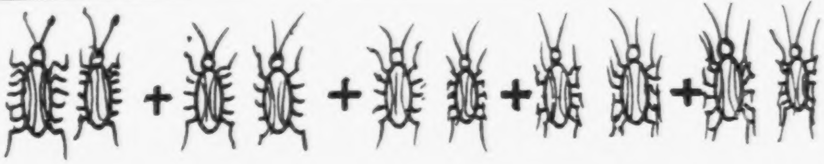
___+___+___= ___groups of two



___ = ___group of two



__+__+__+___= ___groups of two

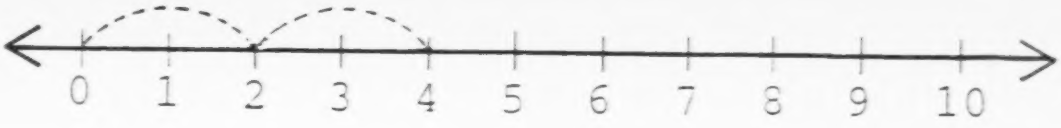


___+__+__+__+___= ___groups of two

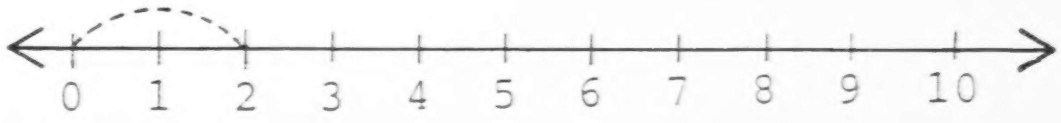
P.O. 2.04.01.04

NAME: ______________________ CLASS: ________ DATE: ________

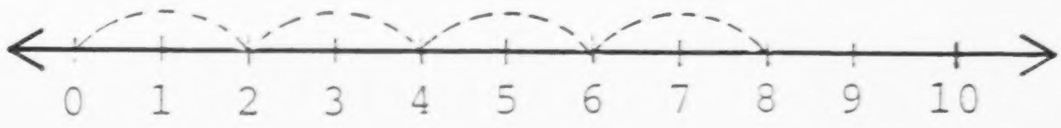
Use the number lines to count by twos.


0
1
2
3
4
5
6
7
8
9
10

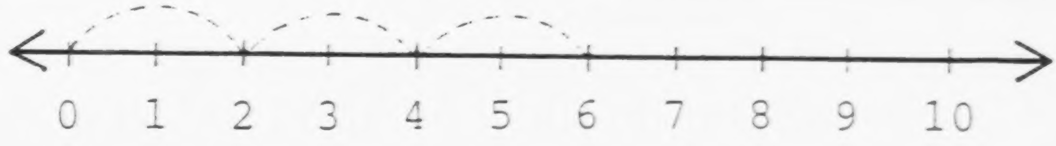
2 groups of two = 4


0
1
2
3
4
5
6
7
8
9
10

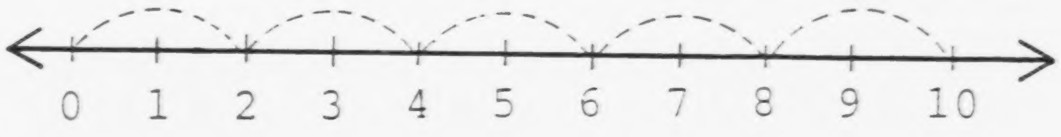
____ group of two = ____


0
1
2
3
4
5
6
7
8
9
10

____ groups of two = ____


0
1
2
3
4
5
6
7
8
9
10

____ groups of two = ____

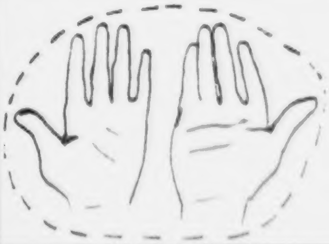

0
1
2
3
4
5
6
7
8
9
10

____ groups of two = ____

P.O. 2.04.01.05

NAME: ______________________ CLASS: ________ DATE: _______

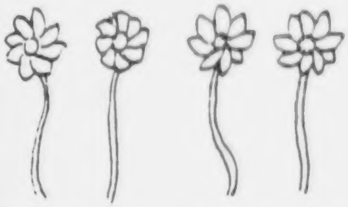
Circle groups of two. Complete each number story.



____ = 2

____ group of two = 2

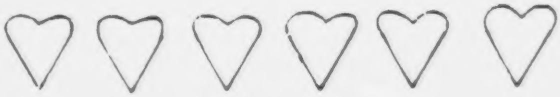
1 × 2 = 2



____ + ____ = ______

____ groups of two = ______

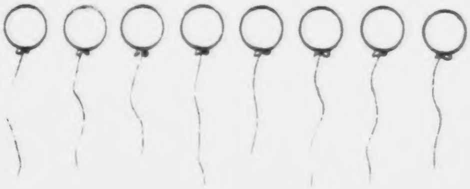
______ × 2 = ______



____ + ____ + ____ = ______

____ groups of two = ______

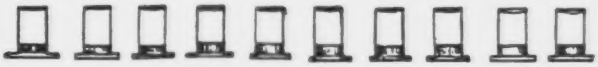
______ × 2 = ______



____ + ____ + ____ + ____ = ______

____ groups of two = ______

______ × 2 = ______



___ + ___ + ___ + ___ + ___ = ______

____ groups of two = ______

______ × 2 = ______

DO YOU REMEMBER?

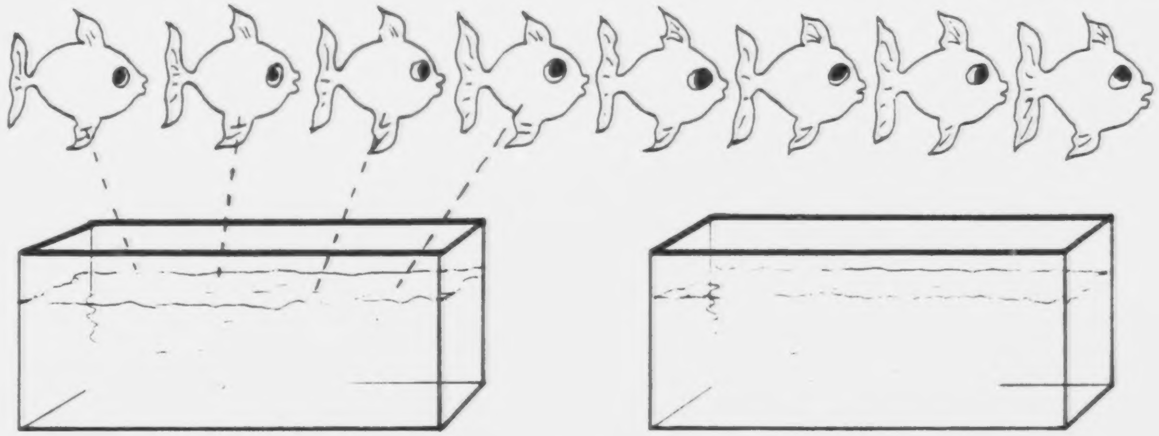
Paul rode his bicycle 16 miles on Saturday.
He rode 8 miles on Sunday.
How many miles did he ride on both days?

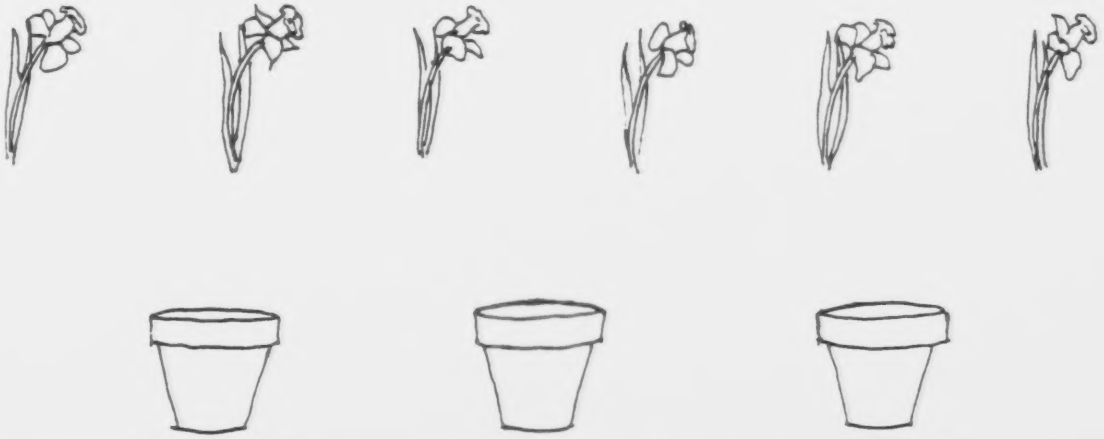
Solve

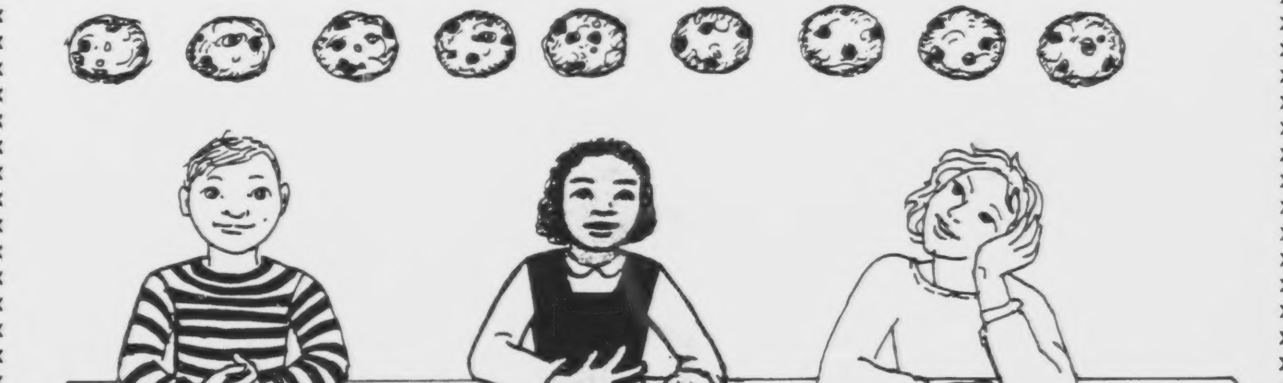
P.O. 2.05.01.01

NAME: ______________________________ CLASS: __________ DATE: ________

Place an equal number of fish in each tank.
Place an equal number of flowers in each vase.
Give each student an equal number of cookies.







P.O. 2.05.01.02

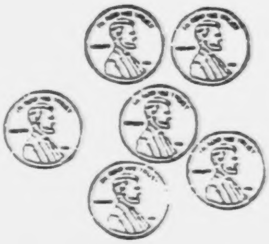
NAME: ______________________ CLASS: ________ DATE: ________

Solve each problem by using repeated subtraction.

1. You have 6¢.
How many 2¢ gumballs can you buy?

_____ gumballs

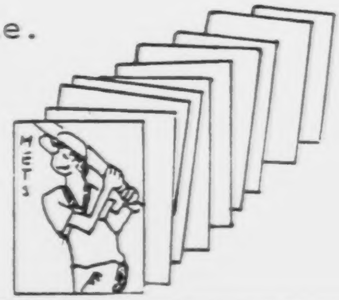
$$\begin{array}{r} 6\text{¢} \\ -\ 2\text{¢} \\ \hline 4\text{¢} \end{array} \nearrow \begin{array}{r} 4\text{¢} \\ -\ 2\text{¢} \\ \hline \square\text{¢} \end{array} \nearrow \begin{array}{r} \square\text{¢} \\ -\ 2\text{¢} \\ \hline \square\text{¢} \end{array}$$



2. You have 10 baseball cards.
You want to put 5 cards in each pile.
How many piles can you make?

_____ piles

$$\begin{array}{r} 10 \\ -\ 5 \\ \hline \square \end{array} \nearrow \begin{array}{r} \square \\ -\ \square \\ \hline \square \end{array}$$



3. You have 9 lollipops.
You want to give 3 lollipops to each friend.
How many friends will get lollipops?

_____ friends

$$\begin{array}{r} 9 \\ -\ 3 \\ \hline \square \end{array} \nearrow \begin{array}{r} \square \\ -\ \square \\ \hline \square \end{array} \nearrow \begin{array}{r} \square \\ -\ \square \\ \hline \square \end{array}$$

DO YOU REMEMBER?

Solve	Check	Solve	Check
$\begin{array}{r} 25 \\ +\ 6 \\ \hline \end{array}$		$\begin{array}{r} 39 \\ +\ 8 \\ \hline \end{array}$	

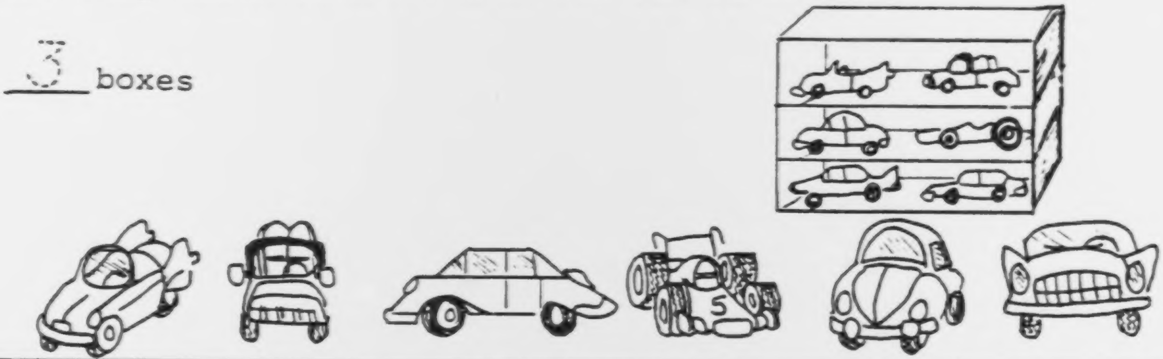
P.O. 2.05.01.03

NAME: ____________________ CLASS: ________ DATE: ________

Read and solve each story problem.

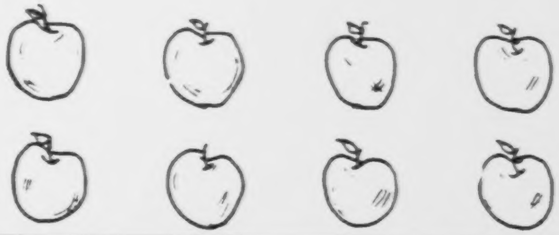
Jerry has 6 toy cars.
Each box can hold 2 cars.
How many boxes does he need for all of his cars?

3 boxes



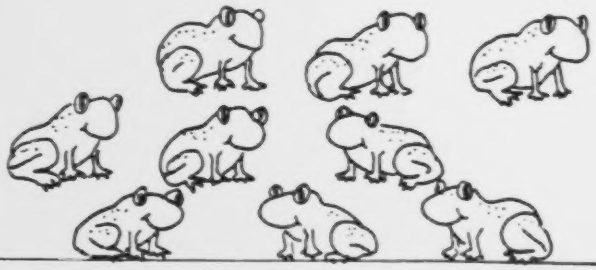
1. Mother has 8 apples. She can put 2 apples in each basket. How many baskets does she need?

_____ baskets



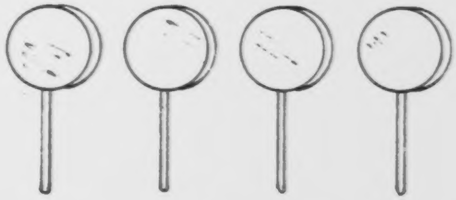
2. There are 9 frogs. Three frogs are on each log. How many logs are there?

_____ logs



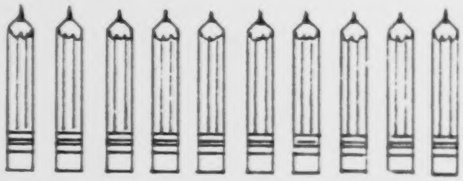
3. There are 4 lollipops. Each youngster gets 2 lollipops. How many youngsters are there?

_____ youngsters



4. There are 10 pencils. Two pencils are in each box. How many boxes are there?

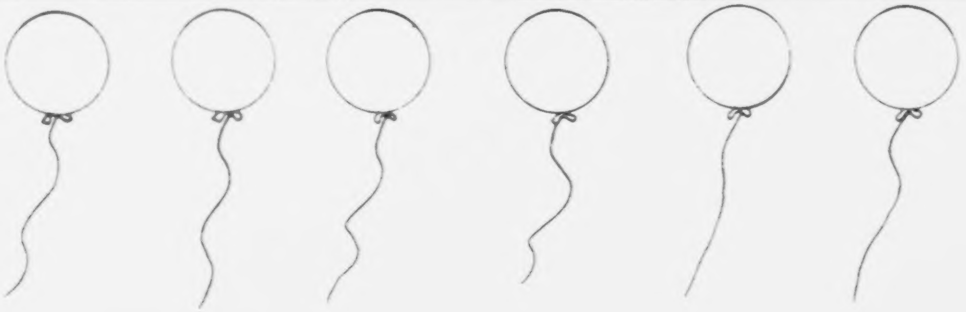
_____ boxes

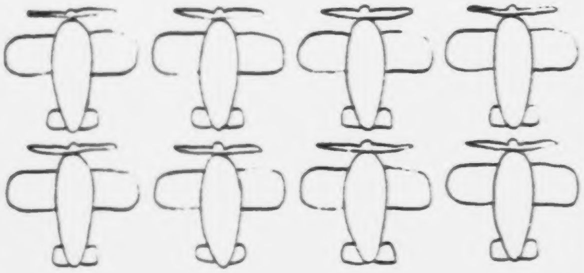


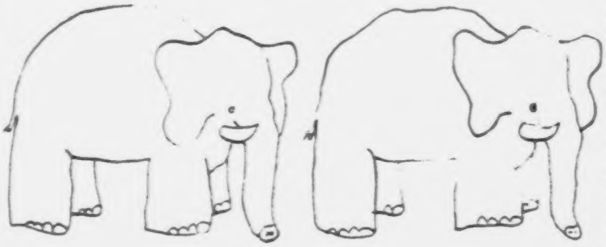
P.O. 2.05.02.01

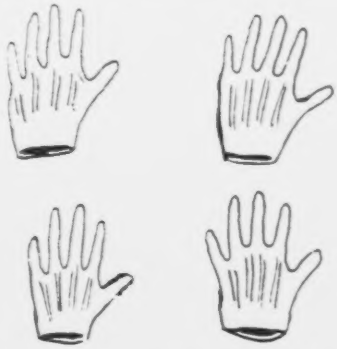
NAME: ______________________________ **CLASS:** __________ **DATE:** ________

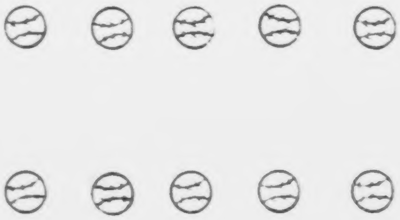
Circle groups of 2.











DO YOU REMEMBER?

This month is ______________________________.

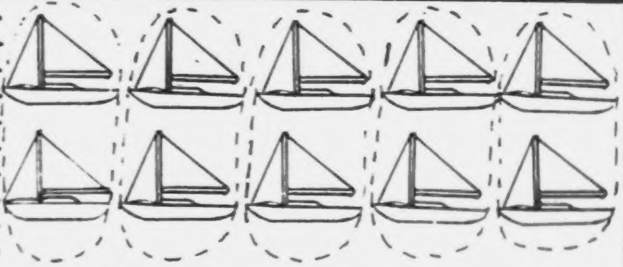
Last month was ______________________________.

Next month will be ________________________.

P.O. 2.05.02.02

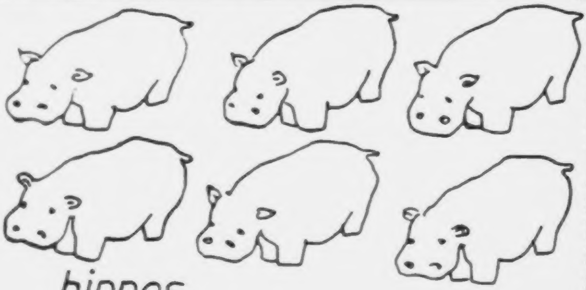
NAME: ____________________ CLASS: ________ DATE: ________

Count and write the number of objects on the top line. Circle groups of 2. Write the number of groups on the bottom line.



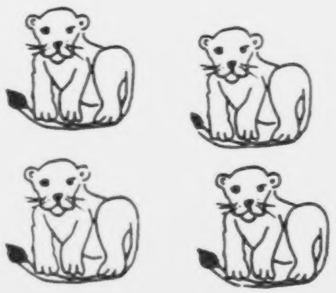
10 boats

5 groups of 2



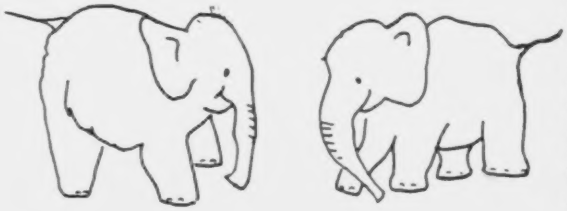
__ hippos

__ groups of 2



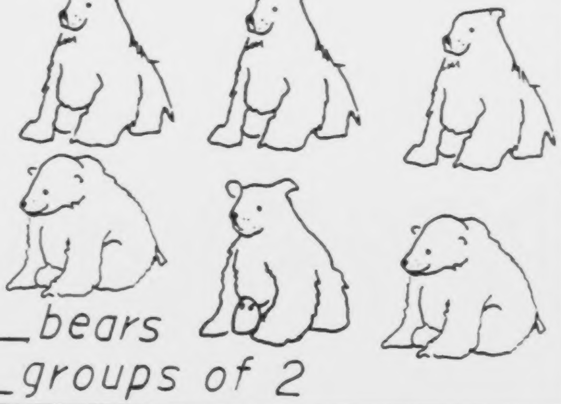
__ lions

__ groups of 2



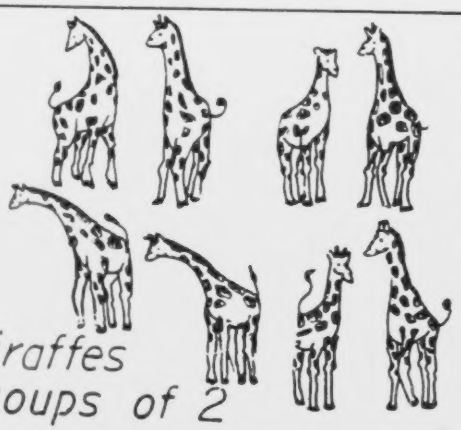
__ elephants

__ group of 2



__ bears

__ groups of 2



__ giraffes

__ groups of 2

DO YOU REMEMBER?

Write the numbers that come one before and one after each number below.

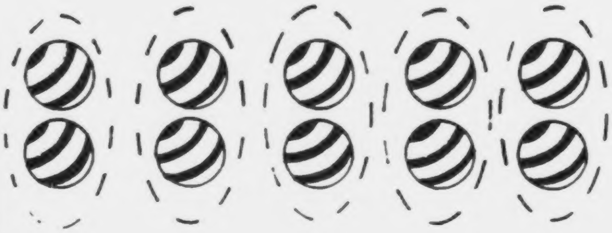
___,355,___ ___,738,___ ___,572,___

P.O. 2.05.02.03

NAME: ______________________ CLASS: ________ DATE: ________

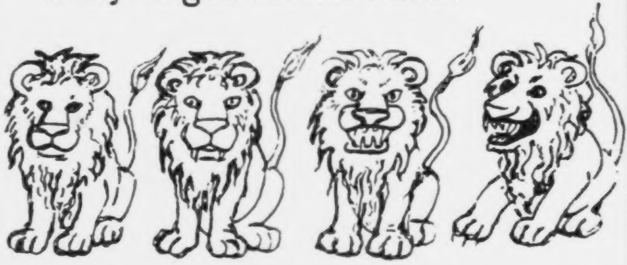
Circle groups of two. Answer each question.

1. There are 10 balls. I want to put 2 balls in each box. How many boxes do I need?



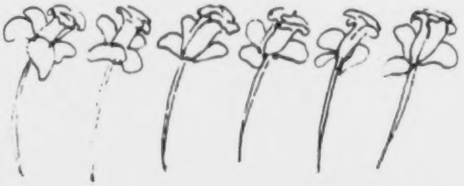
5 boxes

2. There are 4 lions. The zookeeper put 2 lions in each cage. How many cages did he need?



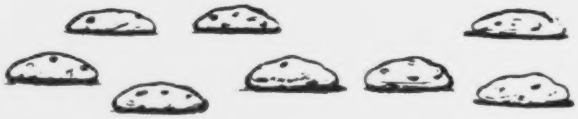
☐ cages

3. Maria has 6 flowers. She put 2 flowers in each vase. How many vases did she need?



☐ vases

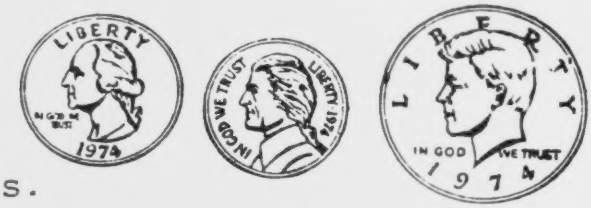
4. Mrs. Jones has 8 chocolate chip cookies. She put 2 cookies on each plate. How many plates did she need?



☐ plates

DO YOU REMEMBER?

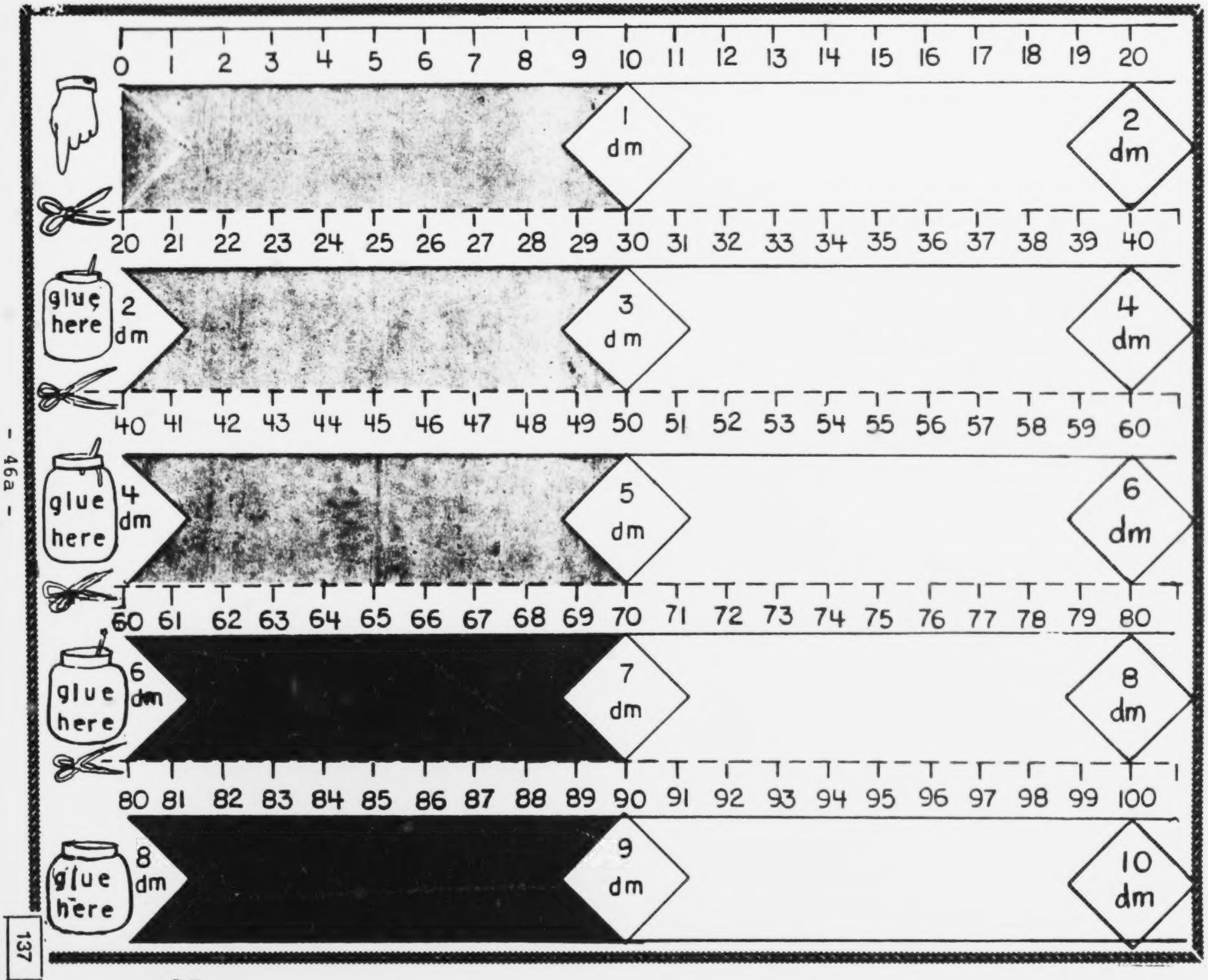
Carl has 1 coin.
It is worth 3 dimes and
4 nickels.
Draw an X on the coin Carl has.


LIBERTY
IN GOD WE TRUST
1974
IN GOD WE TRUST
LIBERTY 1974
LIBERTY
IN GOD WE TRUST
1974

P.O. 2.10.07.01

NAME: ____________________ CLASS: __________ DATE: __________

Cut each strip along the dotted line. Glue the strips together to make a meter stick.


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
1 dm
2 dm
20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
glue here
2 dm
3 dm
4 dm
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
glue here
4 dm
5 dm
6 dm
60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
glue here
6 dm
7 dm
8 dm
80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
glue here
8 dm
9 dm
10 dm

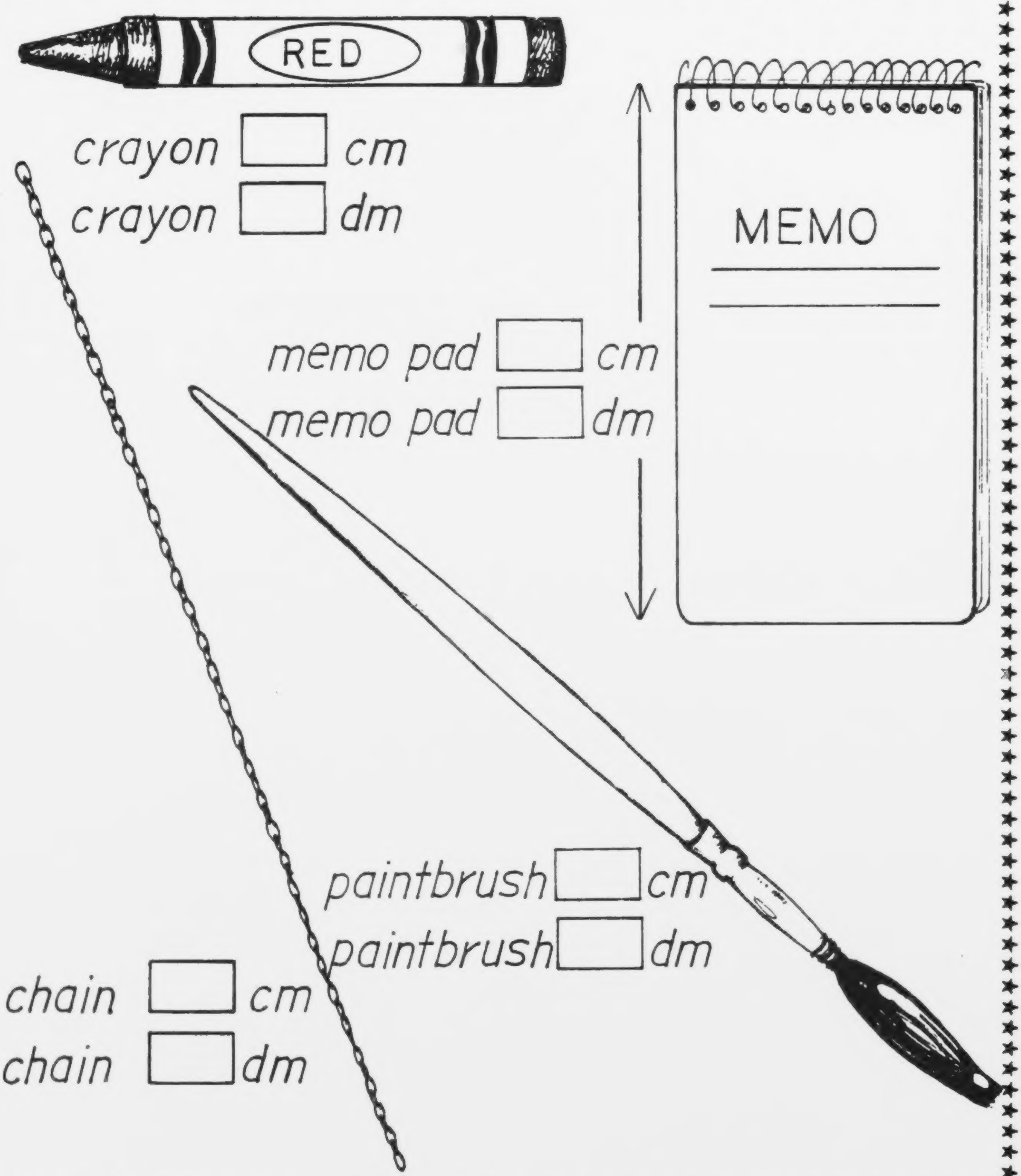
- 46a -

137

P.O. 2.10.07.03

NAME: ______________________ CLASS: __________ DATE: __________

Measure each item below in centimeters and decimeters.



crayon ☐ cm

crayon ☐ dm

memo pad ☐ cm

memo pad ☐ dm

paintbrush ☐ cm

paintbrush ☐ dm

chain ☐ cm

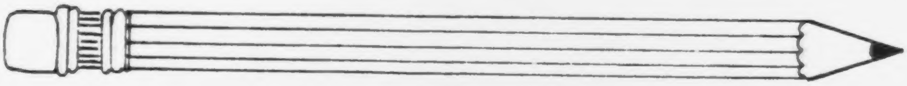
chain ☐ dm

P.O. 2.10.07.04

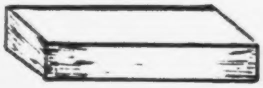
NAME: ______________________________ CLASS: __________ DATE: ________

Read and solve each problem. A centimeter ruler is needed for problems A and B.

A.



________ cm

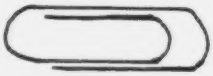


________ cm

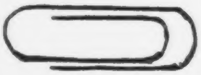
How much longer is the pencil than the eraser? ________ cm

B.

________ cm



________ cm



________ cm

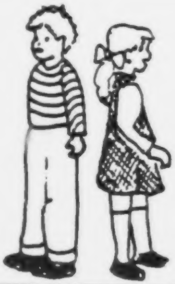
What is the length of the three paper clips together? ________ cm

C.

The length of Tania's hair was 34 cm.
It grew 3 cm.
What is the length of Tania's hair now? ________ cm

D.

Juan is 15 dm tall.
Laura is 13 dm tall.
How much taller is Juan than Laura? ________ dm



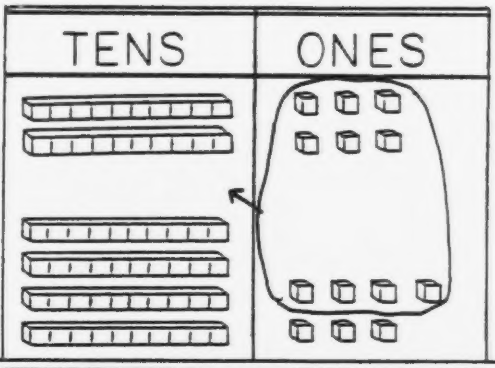
DO YOU REMEMBER?

$$\begin{array}{r} 11 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

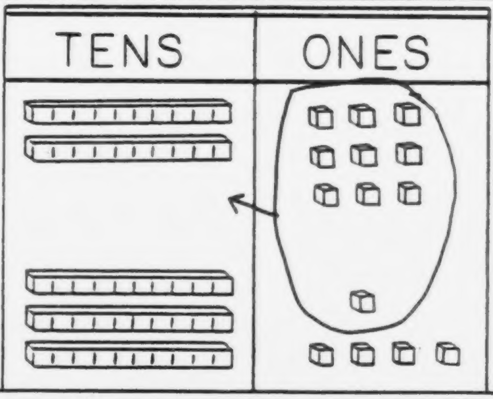
P.O.2.02.05.01

NAME: ______________________ CLASS: ________ DATE: ________

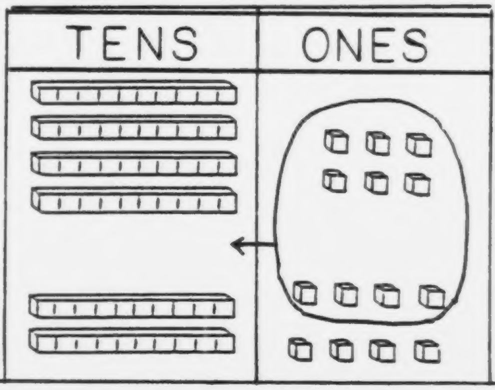
Solve each example using expanded notation.



26 = 20 + 6
+47 = +40 + 7
60 + 13 =
60 + 10 + 3 =
70 + 3 =
73



29 = 20 + 9
+35 = +30 + 5
__ + __ =
__ + __ + __ =
__ + __ =
__



46 = 40 + 6
+28 = +20 + 8
__ + __ =
__ + __ + __ =
__ + __ =
__

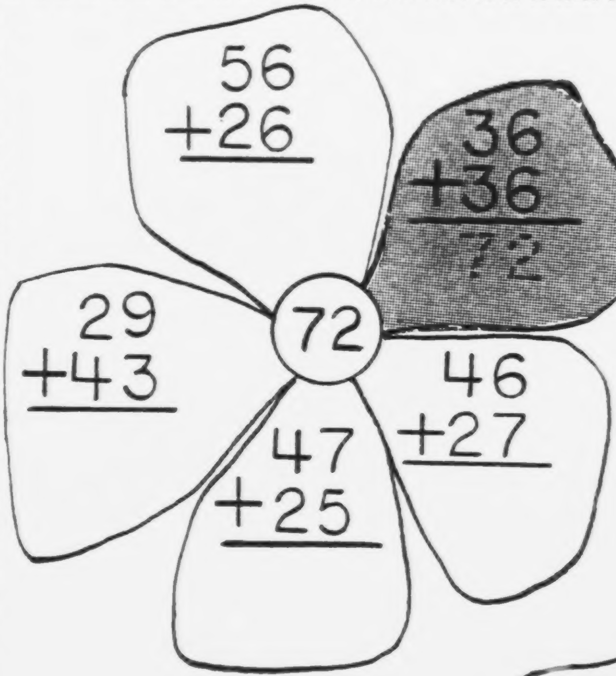
DO YOU REMEMBER ?

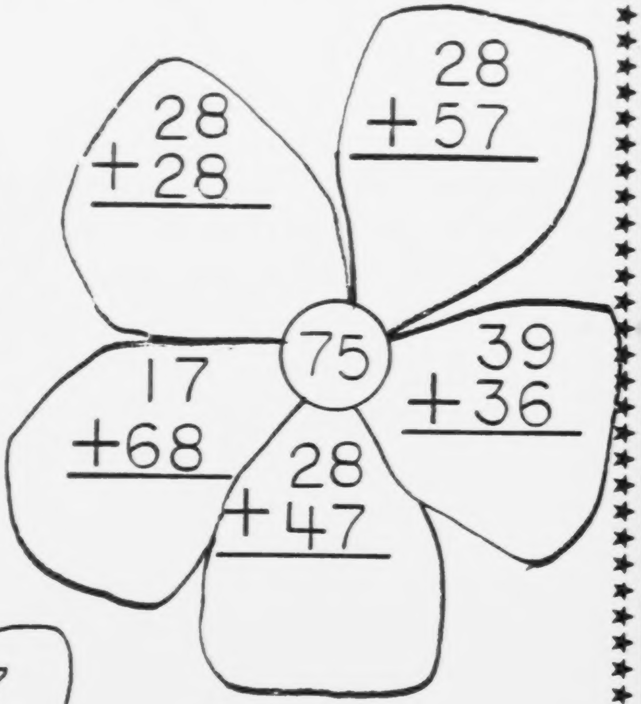
46	74	37	59	18	22	43
+ 5	+ 9	+ 8	+ 4	+ 6	+ 9	+ 7

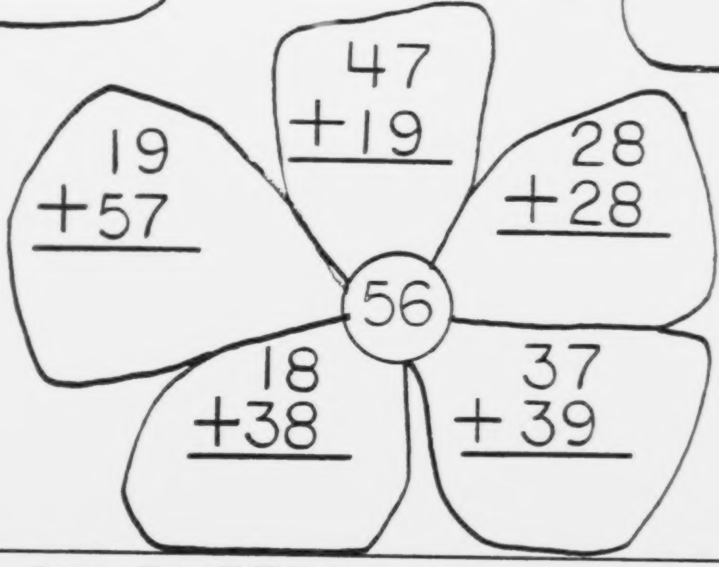
P.O. 2.02.05.02

NAME: ______________________ CLASS: ________ DATE: ________

Solve each example. Color the petals with answers equal to the number in the center of the flower.

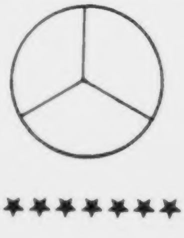
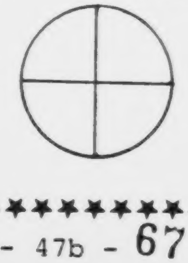
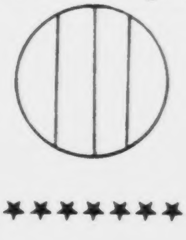

72
56 +26
36 +36 72
29 +43
46 +27
47 +25


75
28 +28
28 +57
17 +68
28 +47
39 +36


56
19 +57
47 +19
28 +28
18 +38
37 +39

DO YOU REMEMBER?

Draw a line under the circle that has been separated into fourths.

P.O. 2.02.05.03

NAME: ______________________ CLASS: __________ DATE: __________

Solve each problem and check. Write your answer in the blank space.

There were 36 boys and 27 girls at the circus. How many youngsters were at the circus?

______ youngsters

Solve

$$\begin{array}{r}36\\+27\\\hline\end{array}$$

Check

$$\begin{array}{r}27\\+36\\\hline\end{array}$$

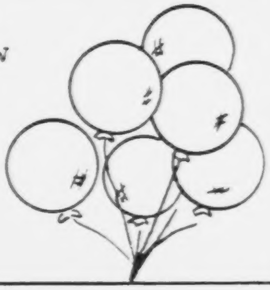
Ann saw 24 fat clowns and 17 thin clowns. How many clowns did she see in all?

______

Solve

Check

I counted 27 pink balloons and 37 purple balloons. How many balloons did I count?

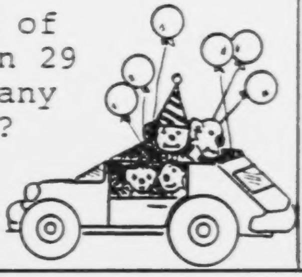


______

Solve

Check

Tony saw 17 people get out of the little circus car. Then 29 more people got out. How many people had been in the car?



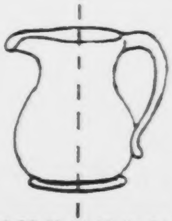
______

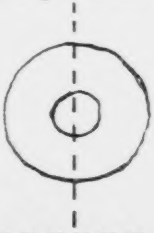
Solve

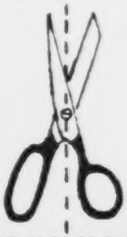
Check

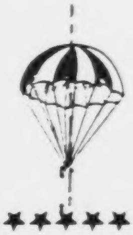
DO YOU REMEMBER?

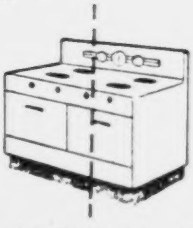
Circle the objects that show lines of symmetry.







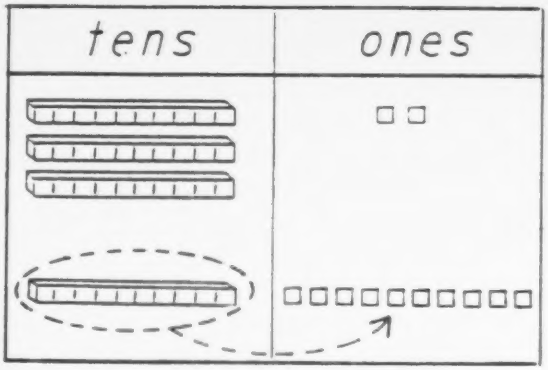




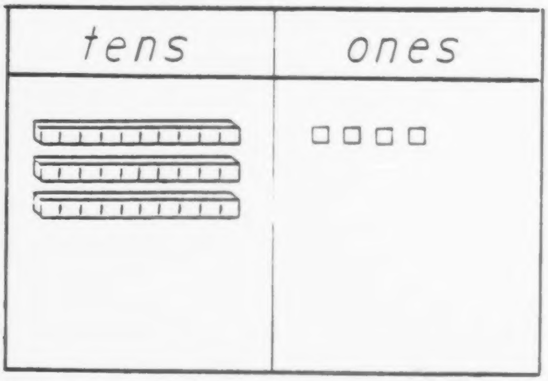
P.O. 2.03.05.01

NAME: ______________________ CLASS: ________ DATE: ________

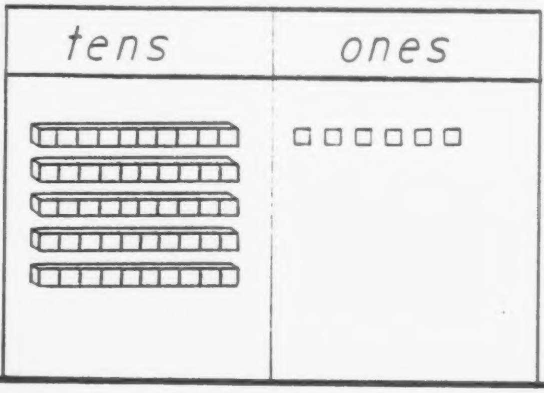
As you solve each example, regroup the squared material.



$$\begin{array}{r}42\\-26\\\hline\end{array} = \begin{array}{r}40+2\\-(20+6)\\\hline\end{array} = \begin{array}{r}30+12\\-(20+6)\\\hline \underbrace{10+6}_{16} =\end{array}$$



$$\begin{array}{r}34\\-18\\\hline\end{array} = \begin{array}{r}30+4\\-(10+8)\\\hline\end{array} = \begin{array}{r}20+14\\-(10+8)\\\hline \underbrace{\boxed{}+\boxed{}}_{\boxed{}} =\end{array}$$



$$\begin{array}{r}56\\-27\\\hline\end{array} = \begin{array}{r}50+6\\-(20+7)\\\hline\end{array} = \begin{array}{r}40+16\\-(20+7)\\\hline \underbrace{\boxed{}+\boxed{}}_{\boxed{}} =\end{array}$$

DO YOU REMEMBER?

Favorite Pets

Pet	Students
dog	12
cat	7
bird	6

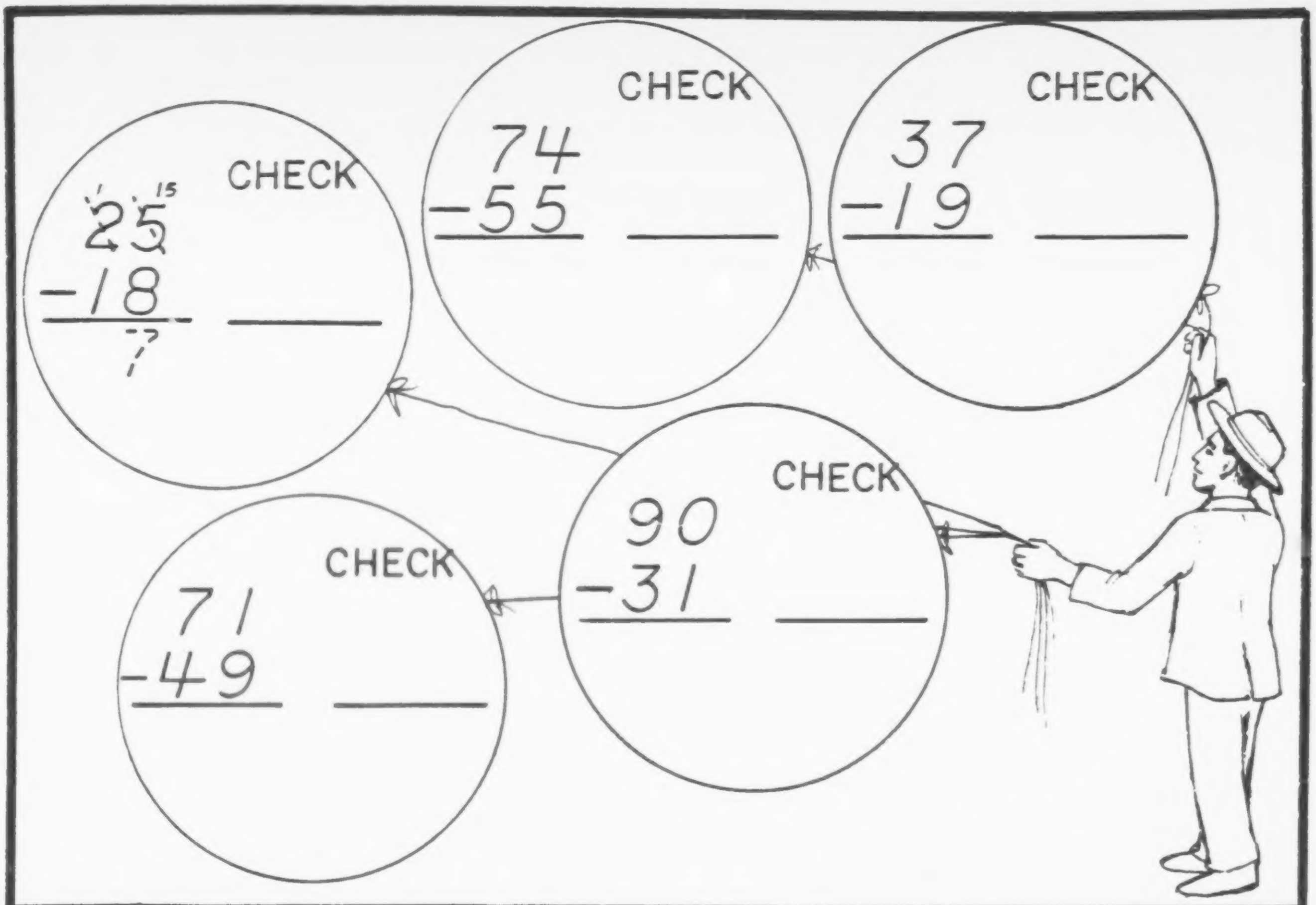
How many students like dogs? __________

How many more students like cats than birds? __________

P.O. 2.03.05.02

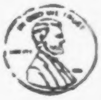
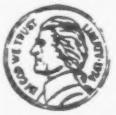
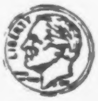
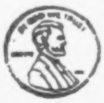
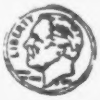
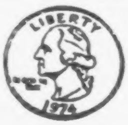
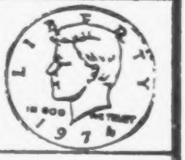
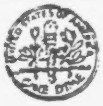
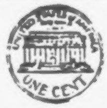
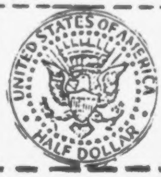
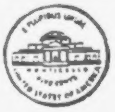
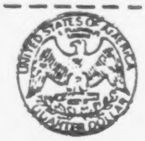
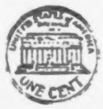
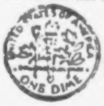
NAME: ____________________ CLASS: ________ DATE: ________

Solve and check each example.


CHECK
1 15
25
-18
7
CHECK
74
-55
CHECK
37
-19
CHECK
90
-31
CHECK
71
-49

DO YOU REMEMBER?

Cut along the dotted lines. Match the tails to the heads.

P.O. 2.03.05.03

NAME: ______________________ CLASS: __________ DATE: __________

Solve each problem. Check the answers.

Lorraine had 23¢ and spent 16¢.
She has ☐ left.

SOLVE CHECK

$$\begin{array}{r} 23\text{¢} \\ -16\text{¢} \\ \hline 7\text{¢} \end{array} \qquad \begin{array}{r} \boxed{7}\text{¢} \\ +16\text{¢} \\ \hline 23\text{¢} \end{array}$$

Tommy had 45¢ and spent 27¢.
He has ☐ left.

SOLVE CHECK

− ______ + ______

Robert had 96¢ and spent 37¢.
He has ☐ left.

SOLVE CHECK

______ ______

Maria had 58¢ and spent 29¢.
She has ☐ left.

SOLVE CHECK

______ ______

P.O. 2.03.05.04

NAME: ______________________ CLASS: ________ DATE: ________

Help the students solve the problems.
Check each answer.

Cathy had 75¢.
She spent 37¢.
How much money did she have left?

Solve

$$\begin{array}{r} \overset{6}{7}\,\overset{15}{5}¢ \\ -3\,7¢ \\ \hline 3\,8¢ \end{array}$$ left

Check

$$\begin{array}{r} \overset{1}{3}\,8 \\ +\,3\,7 \\ \hline 7\,5 \end{array}$$

Jose bought 32 cupcakes for his birthday party. Each of 25 students ate a cupcake. How many cupcakes were left?

Solve

Check

Louis had 43 baseball cards. He lost 17 cards. How many cards does Louis have left?

Solve

Check

There are 26 students in Miriam's class. 18 are girls. How many are boys?

Solve

Check

DO YOU REMEMBER?

3,5,8	
3+5=8	8-5=3
5+3=8	8-3=5

4,3,7	
	7-3=4

3,2,5	

7,2,9	
7+2=9	

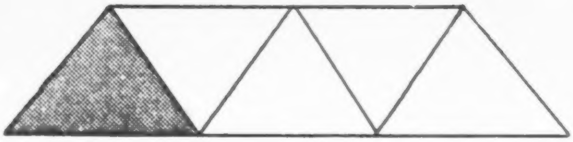
6,2,8	
	8-6=2

1,7,8	

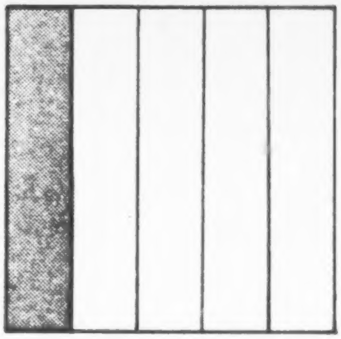
P.O. 2.06.01.01

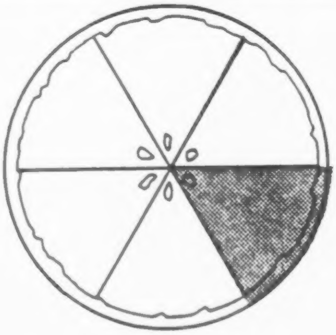
NAME:____ CLASS:__________ DATE:_________

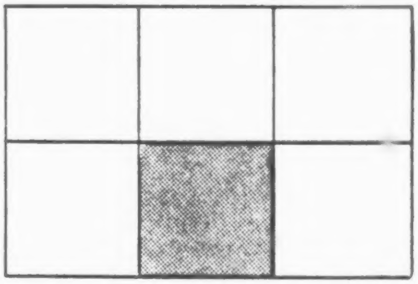
Write the fraction which names the shaded part.

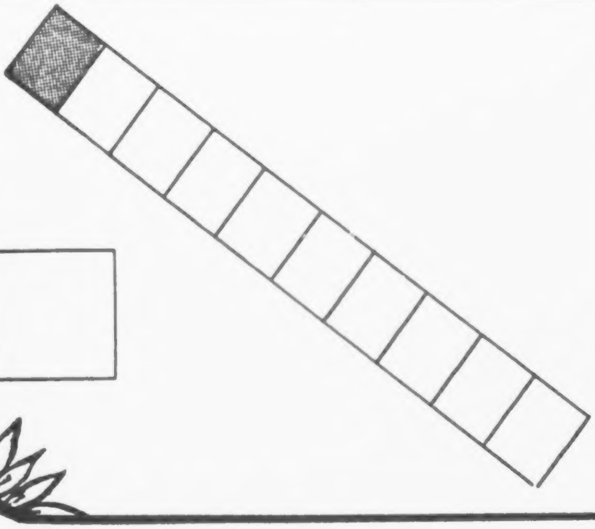


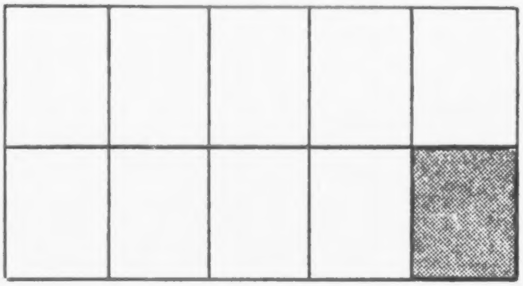
$\frac{1}{5}$







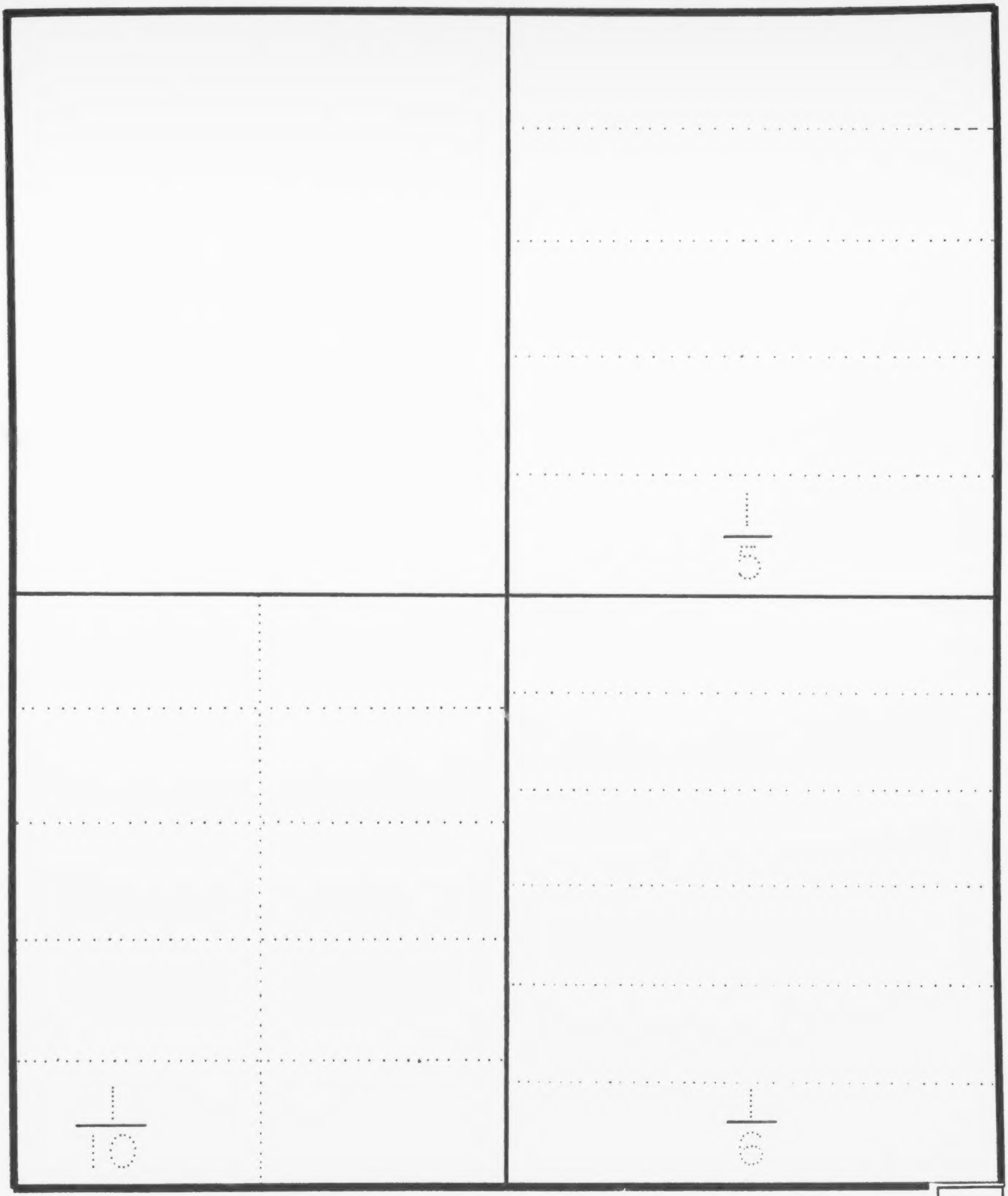




P.O. 2.06.01.02

NAME:______________________________________CLASS:________DATE:_______

Cut out the four rectangles along the heavy, dark lines.
Then cut three rectangles into fractional parts along the dotted lines.



P.O. 2.06.01.03

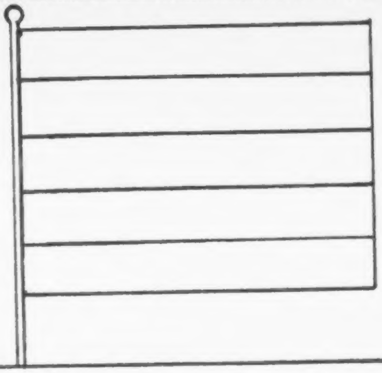
NAME: ______________________ CLASS: ________ DATE: ________

Read each problem. Answer the questions.

Color $\frac{2}{5}$ of the flag blue.

If $\frac{2}{5}$ of the flag is blue,

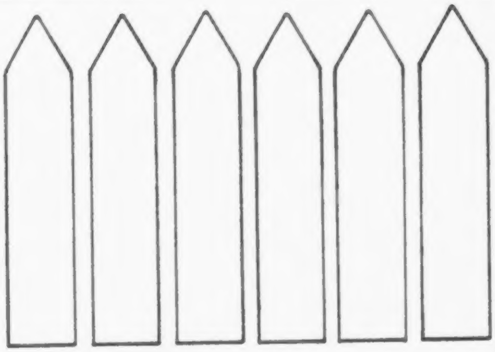
what part is not blue? $\frac{3}{5}$



Color $\frac{1}{6}$ of the fence red.

If $\frac{1}{6}$ of the fence is red,

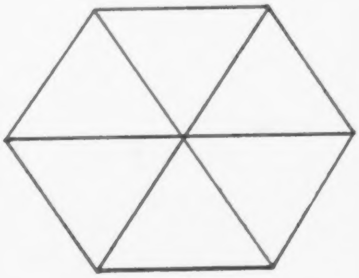
what part is not red?



Color $\frac{2}{6}$ of the gameboard yellow.

If $\frac{2}{6}$ of the gameboard is yellow,

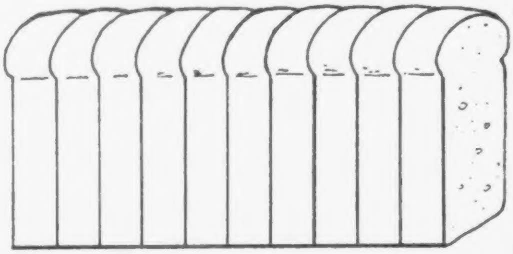
what part is not yellow?



Color $\frac{7}{10}$ of the bread brown.

If $\frac{7}{10}$ of the bread is brown,

what part is not brown?



P.O. 2.06.01.04

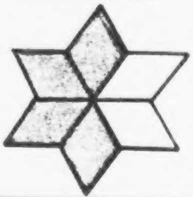
NAME:______________________ CLASS:__________ DATE:__________

Solve each problem.

1. John made a design.

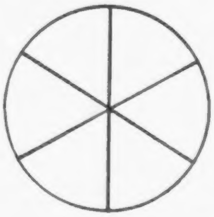
He shaded $\frac{4}{6}$ of the design.

What part of the design is not shaded?



$\frac{2}{5}$ not Shaded

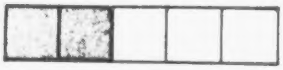
2. James cut a pizza into 6 equal parts. What is each part called?



3. Mary divided her granola bar into 5 equal parts.

She ate $\frac{2}{5}$ of it.

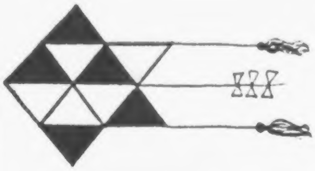
What part did she save?



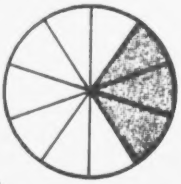
4. Jerry has a kite.

$\frac{5}{10}$ of the kite is black.

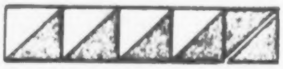
What part is not black?



5. A pie was cut into 10 equal pieces. If 3 pieces were eaten, what part of the pie was left?



6. Mrs. Johnson shaded $\frac{6}{10}$ of her design. What part is not shaded?

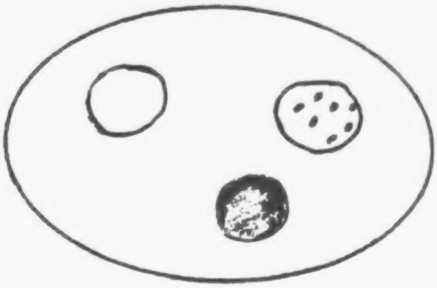


P.O. 2.12.03.01

NAME: ______________________ CLASS: ________ DATE: _______

Read the story and answer the questions.

Mother baked cookies.
1 vanilla, 1 chocolate, and
1 chocolate chip were left
on the plate.



Close your eyes and pretend to choose a cookie.

1. What are your chances of choosing the vanilla cookie?

_____ out of _____

2. What are your chances of choosing the chocolate cookie?

_____ out of _____

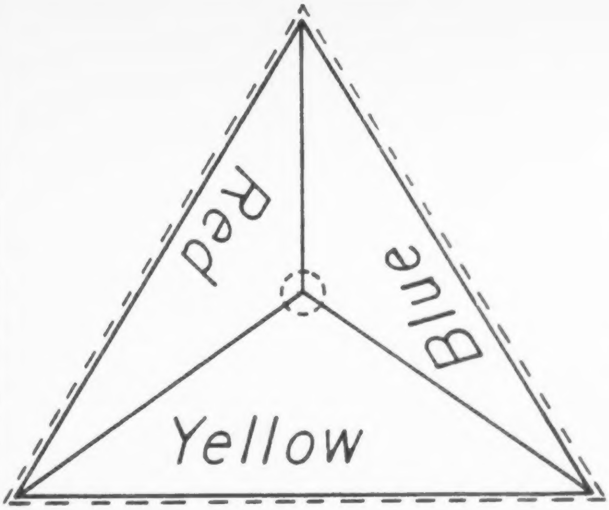
3. What are your chances of choosing the chocolate chip cookie?

_____ out of _____

P.O. 2.12.03.02

NAME:______________________ CLASS:__________ DATE:________

Follow the directions below.



HOW TO MAKE A SPINNER

1. Color each section of the triangle.
2. Cut out the triangle along the dotted lines.
3. Paste the triangle to a piece of cardboard the same size.
4. Place a pencil through the dot in the center of the triangle.

TALLYING THE OUTCOMES

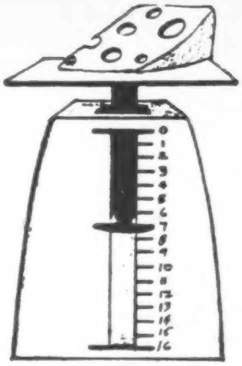
Red	Yellow	Blue

1. Spin the spinner.
2. On which color did it land? ______________
3. Place a tally mark on the chart under the color on which it landed.
4. Spin the spinner 14 more times and tally the outcomes on the chart.
5. Which color did you spin most often? ______________
6. Which color did you spin least often? ______________
7. Compare your results with those of another student.

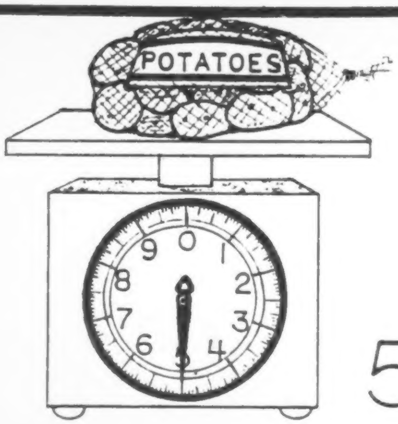
P.O. 2.10.08.01

NAME: ______________________ CLASS: __________ DATE: ________

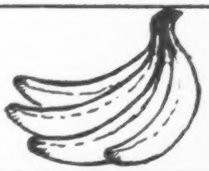
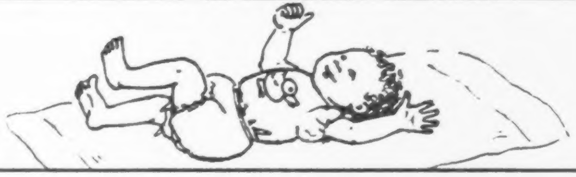
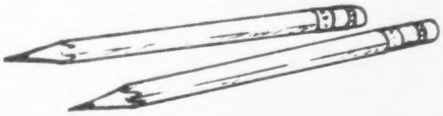
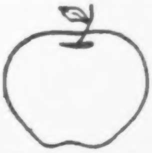
Look at each picture.
Decide whether each would be weighed in ounces or pounds.
Check the correct box next to each picture.



7 oz.



5 lbs.

	oz.	lbs.
		
		
		
		

DO YOU REMEMBER?

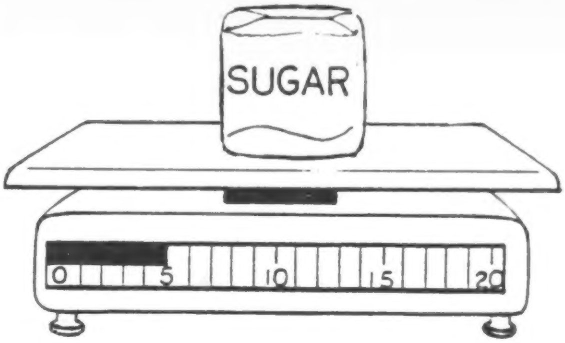
Little Red Riding Hood brought 12 apples and 9 bananas to her grandma. How many pieces of fruit all together did she bring to her grandma?

Solve	Check

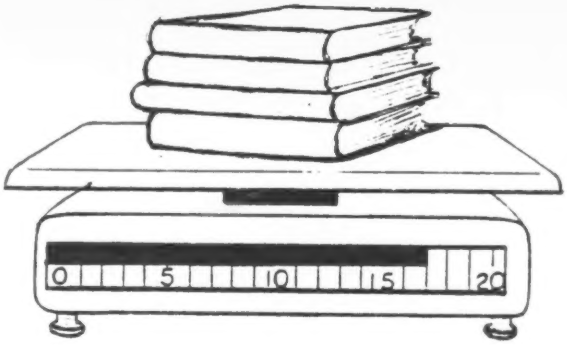
P.O. 2.10.08.02

NAME: ____________________ CLASS: ________ DATE: ________

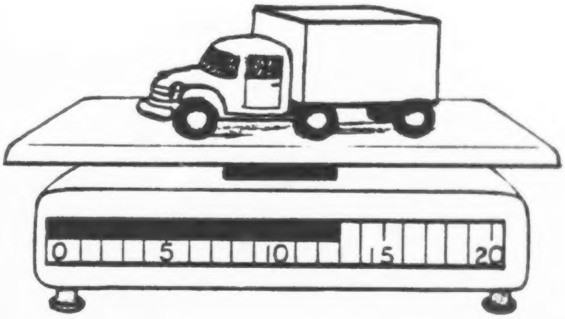
Write the weight of each item in pounds.


SUGAR
0
5
10
15
20

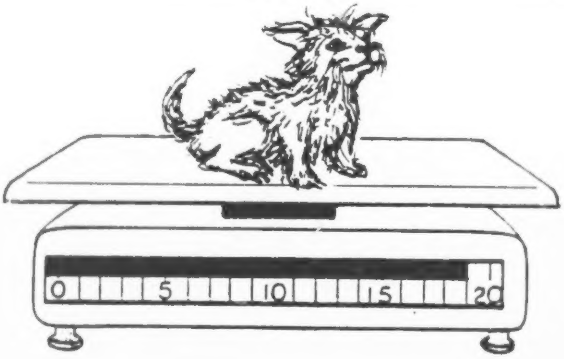
5 lbs.



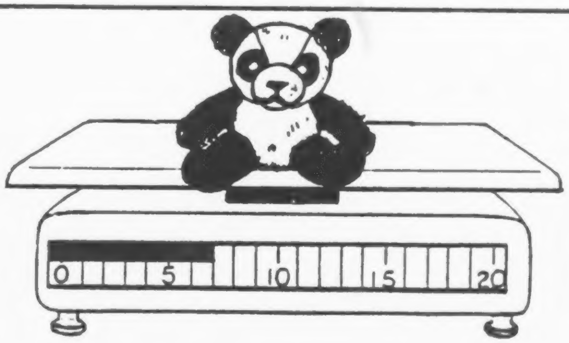
____



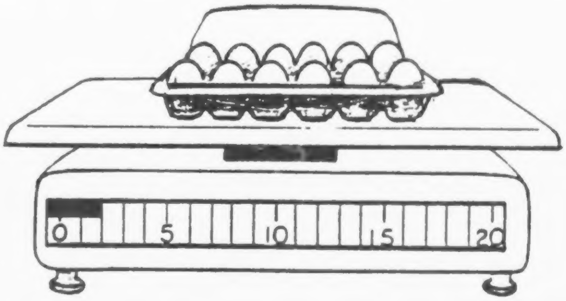
____



____



____

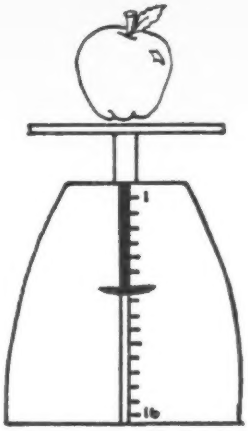


____

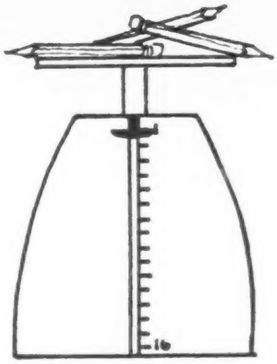
P.O. 2.10.08.02

NAME: ______________________ CLASS: __________ DATE: ________

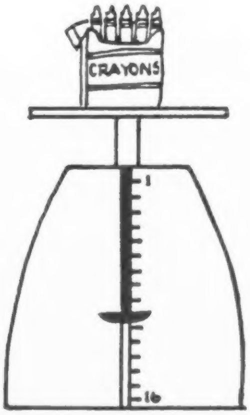
Find the weight of each item in ounces.



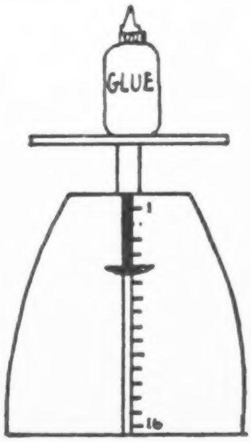
7 oz.



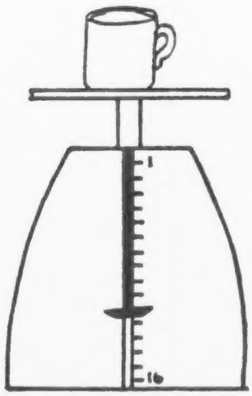
____


CRAYONS
1
16

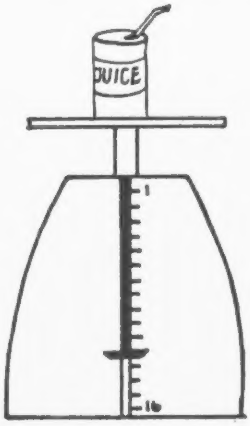
____



____



____

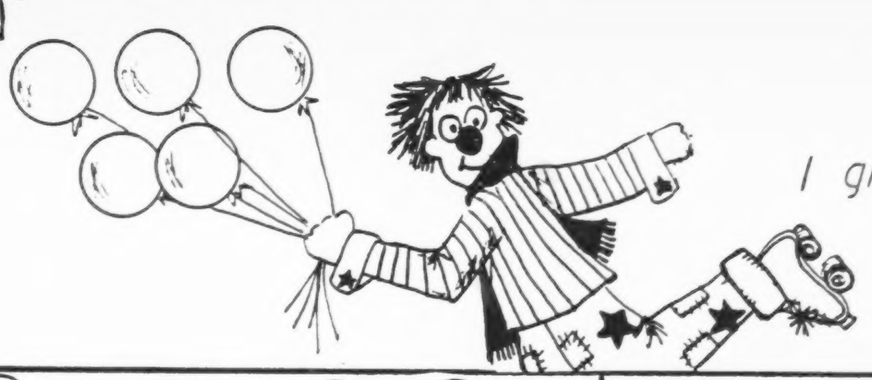


____

P.O. 2.04.02.01

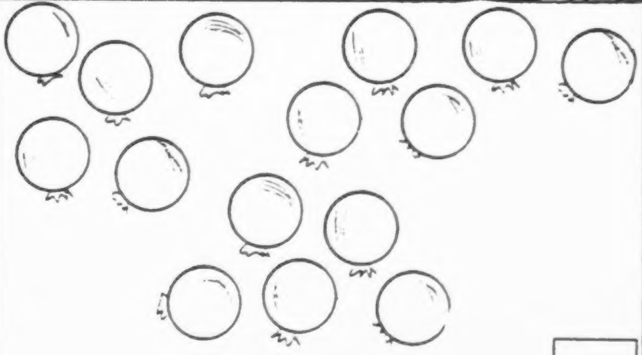
NAME:______________________________CLASS:__________DATE:__________

Circle groups of five balloons and write the total number of balloons in each picture.



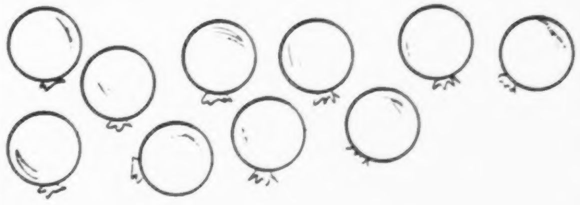
1 group of five = 5

1 x 5 = 5



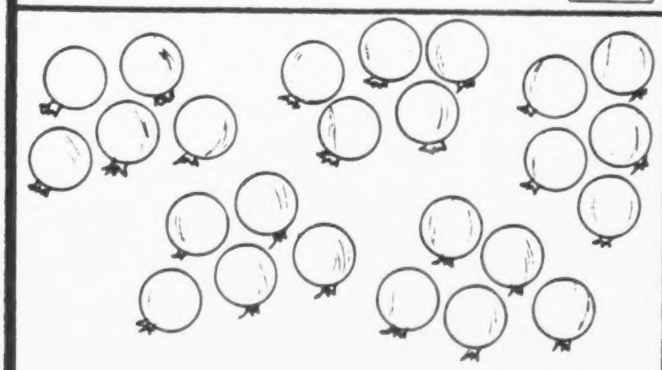
3 groups of five = ☐

3 x 5 = ☐



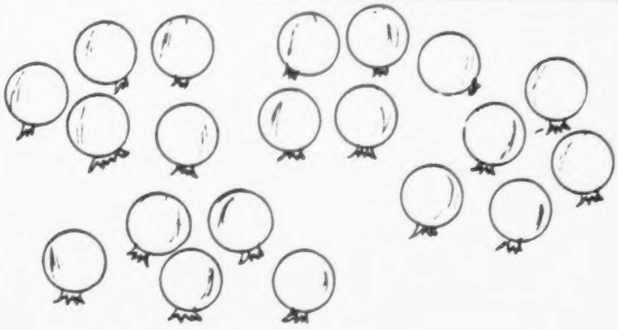
2 groups of five = ☐

2 x 5 = ☐



5 groups of five = ☐

5 x 5 = ☐



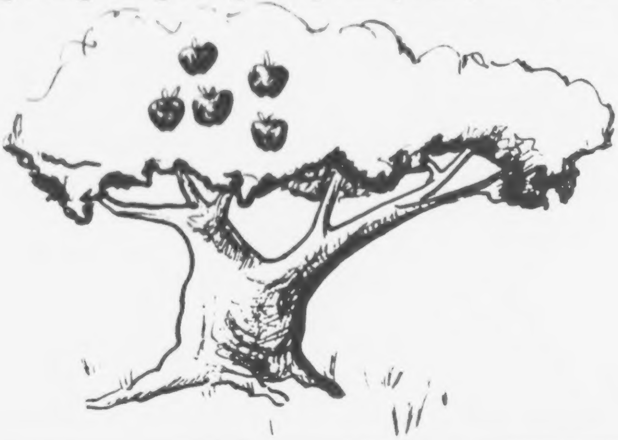
4 groups of five = ☐

4 x 5 = ☐

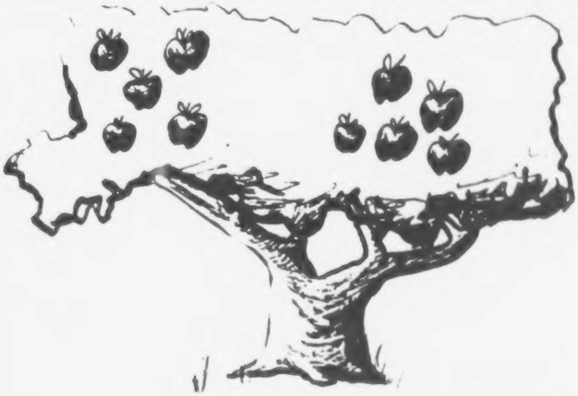
P.O. 2.04.02.02

NAME: ______________________ CLASS: __________ DATE: ________

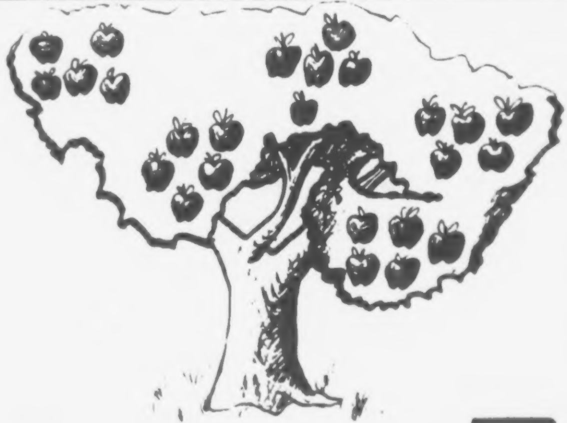
Count the apples on the trees.



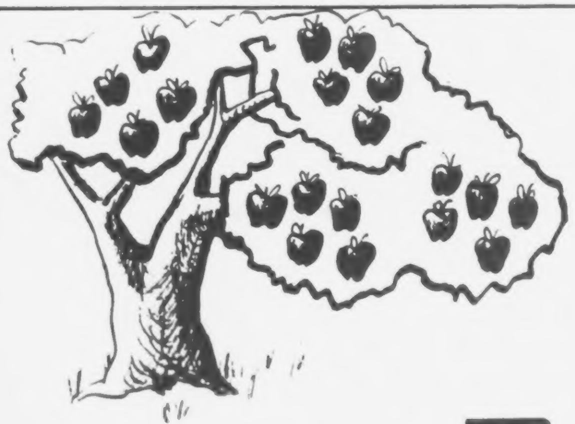
1 group of five = 5



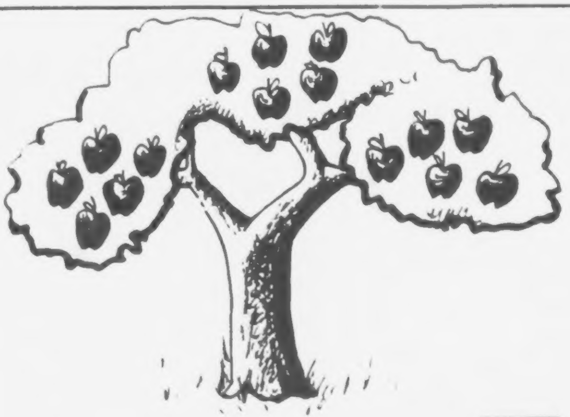
2 groups of five = ☐



5 groups of five = ☐



4 groups of five = ☐

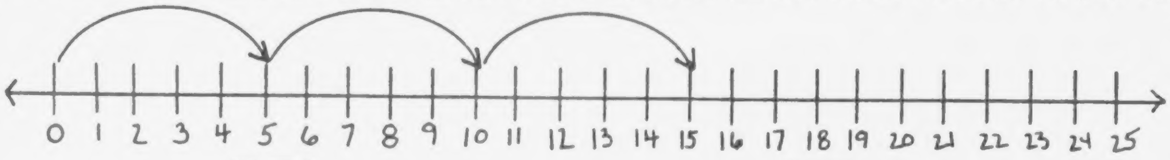


3 groups of five = ☐

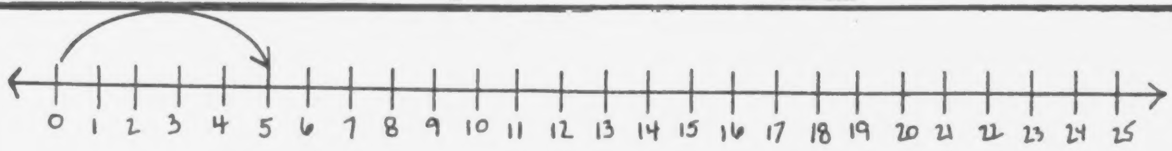
P.O. 2.04.02.03

NAME: ______________________ CLASS: __________ DATE: ________

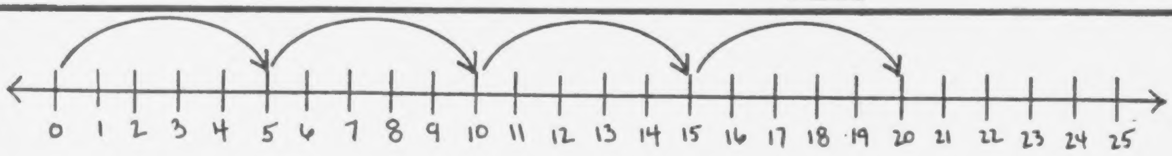
Use the number lines to count by fives.


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

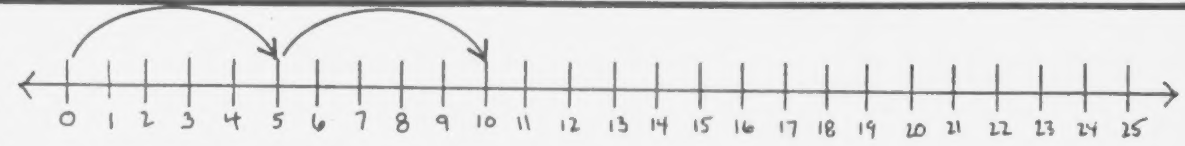
3 groups of five = 15


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

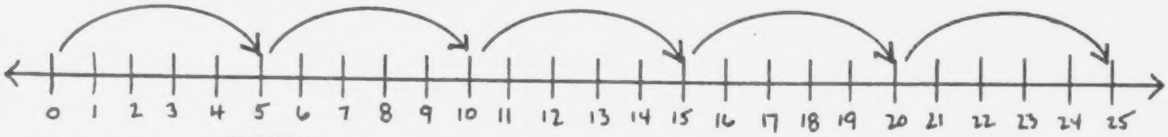
☐ group of five = ☐


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

☐ groups of five = ☐


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

☐ groups of five = ☐


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

☐ groups of five = ☐

DO YOU REMEMBER?

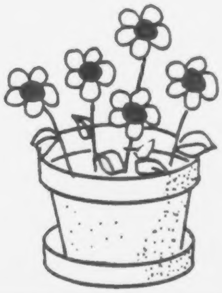
Place an X on each odd number.

321 432 189 563 144

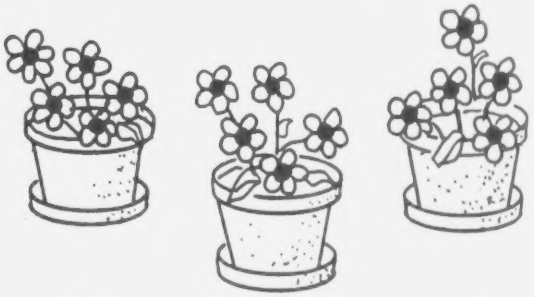
P.O. 2.04.02.04

NAME: ______________________________ CLASS: __________ DATE: ________

How many flowers are in the flower pots?

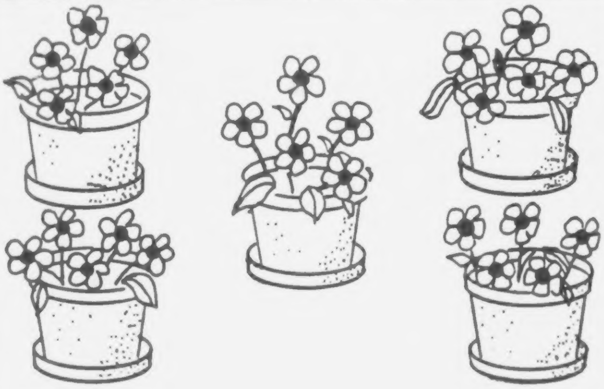


$1 \times 5 = \boxed{5}$



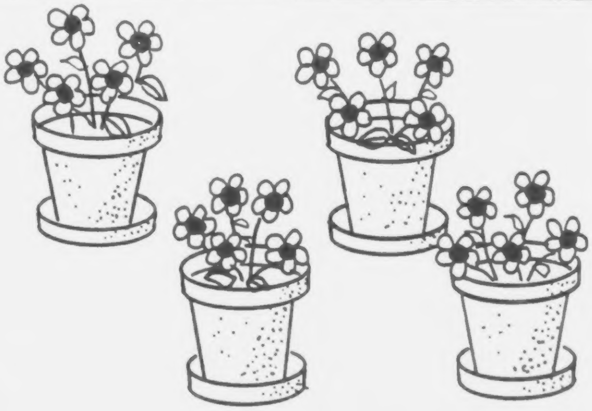
$5 + 5 + 5 = \boxed{}$

$3 \times 5 = \boxed{}$



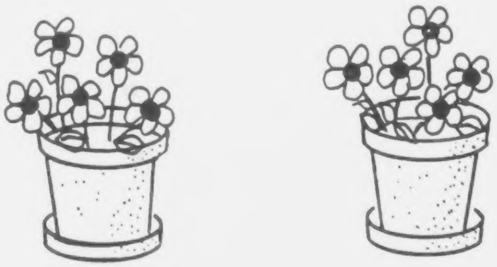
$5 + 5 + 5 + 5 + 5 = \boxed{}$

$5 \times 5 = \boxed{}$



$5 + 5 + 5 + 5 = \boxed{}$

$4 \times 5 = \boxed{}$



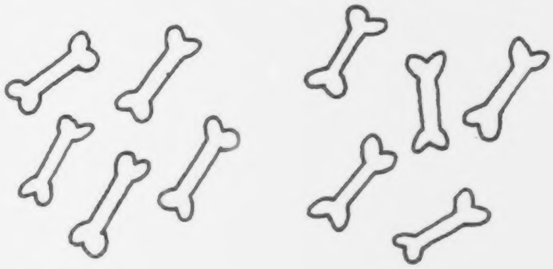
$5 + 5 = \boxed{}$

$2 \times 5 = \boxed{}$

P.O. 2.05.03.01

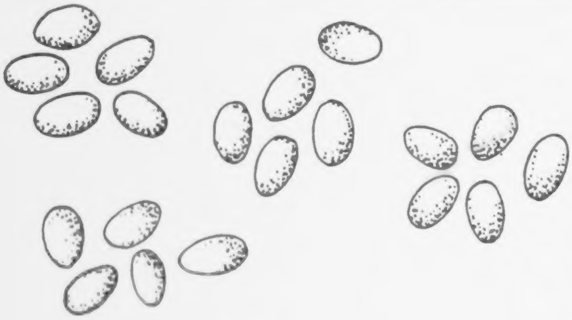
NAME:________________________ CLASS:________ DATE:________

Draw a ring around each group of five.
Write the missing numerals.



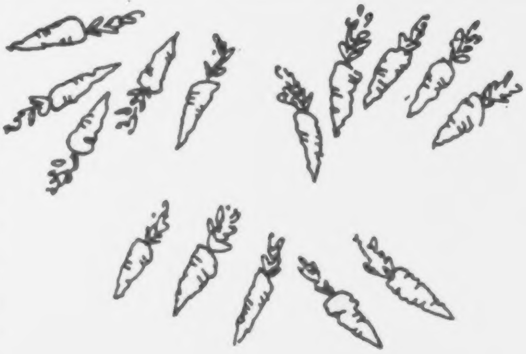
_____ bones

_____ groups of five



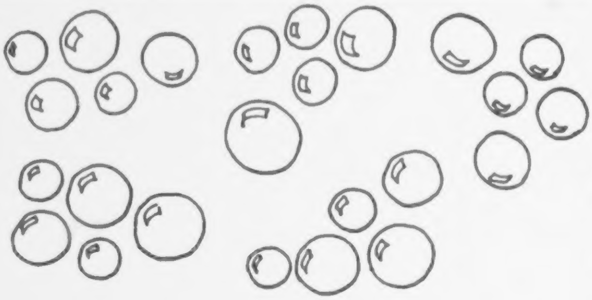
_____ eggs

_____ groups of five



_____ carrots

_____ groups of five



_____ bubbles

_____ groups of five

DO YOU REMEMBER?

Count by ones.

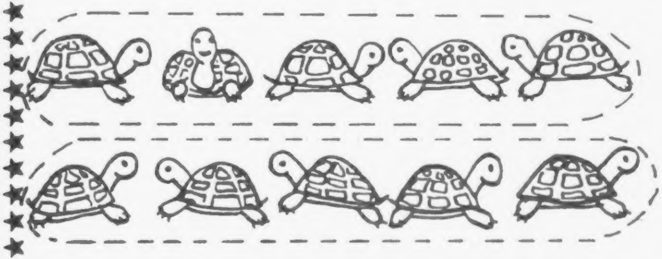
298, 299, _____, _____

599, _____, _____, 602

P.O. 2.05.03.02

NAME: ______________________ CLASS: __________ DATE: ________

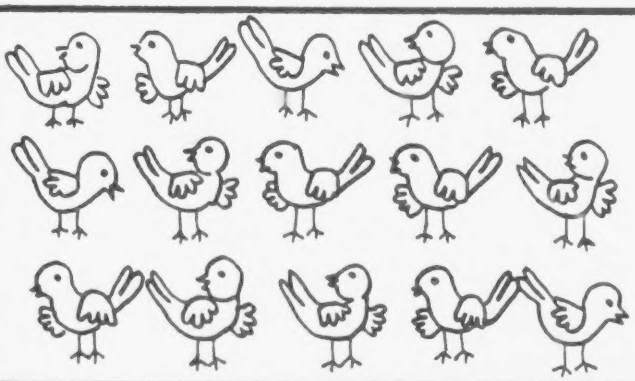
Circle each group of five.
Write the numeral which tells how many groups you made.

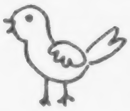


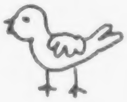
10 in all.

5 in each group.

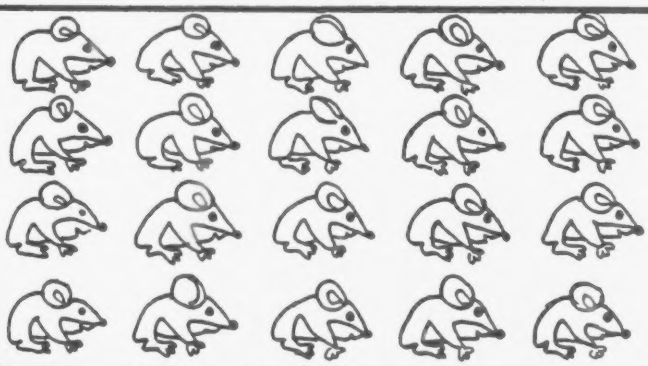
☐ 2 groups of five.



15  in all.

5  in each group.

☐ groups of five.

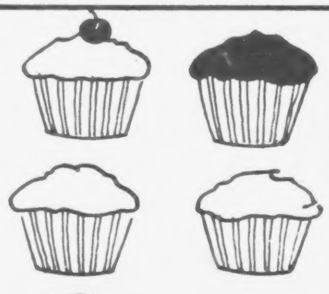


20 in all.

5 in each group.

☐ groups of five.

DO YOU REMEMBER?



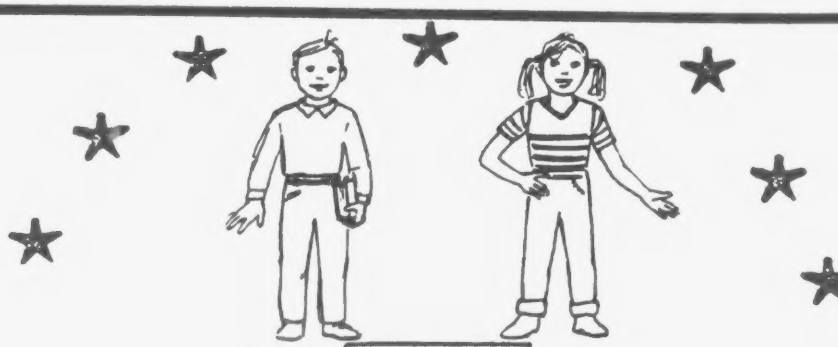
Mother baked 6 cupcakes.
She put 2 cupcakes on each plate.
How many plates did she need?

__________ plates

P.O. 2.05.03.03

NAME:______________________________ CLASS:________ DATE:________

As you solve each problem, find its answer at the bottom of the page.
Write the letter of the problem on the line above the answer.
Write the secret word in the box to complete the sentence.



We are ☐ stars!

U

Diana has 15 pencils to place in boxes. If 5 pencils are placed in each box, how many boxes are needed? ____ boxes

E

John has 10 toy trucks. If he gives 5 trucks to each of his friends, how many friends will receive trucks? _____friends

P

There are 5 cookies in a jar. If 5 cookies are given to each girl, how many girls will receive cookies? ___girl

R

There are 20 pennies in a bank. If 5 pennies are given to each boy, how many boys will get pennies? ____ boys

S

There were 25 bones. 5 bones were given to each dog. How many dogs received bones? ____ dogs

____ ____ ____ ____ ____

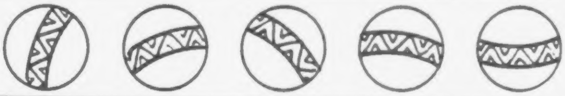
5 3 1 2 4

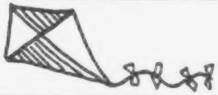
P.O. 2.01.09.01

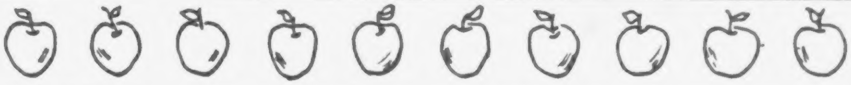
NAME:________________________ CLASS:________ DATE:______

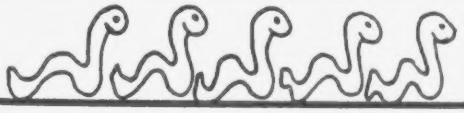
Follow the directions below.

Circle the Roman numeral equal to the number of items in each row.

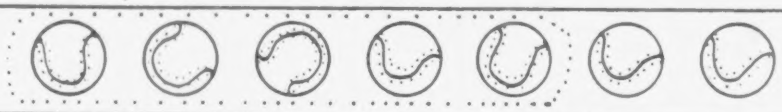

[✓ V], I, X

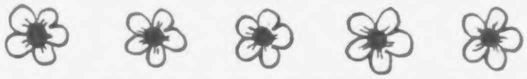

X, V, I


I, X, V

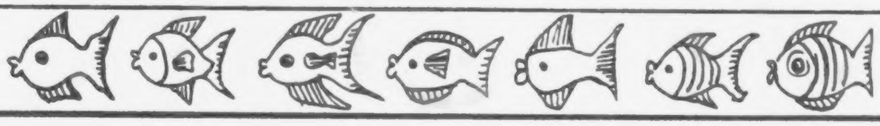

X, I, V

Circle the number of objects equal to the Roman numeral in each row.

V


I


X

V


DO YOU REMEMBER?

Round each number to the nearest ten.

23 rounds to _____

35 rounds to _____

87 rounds to _____

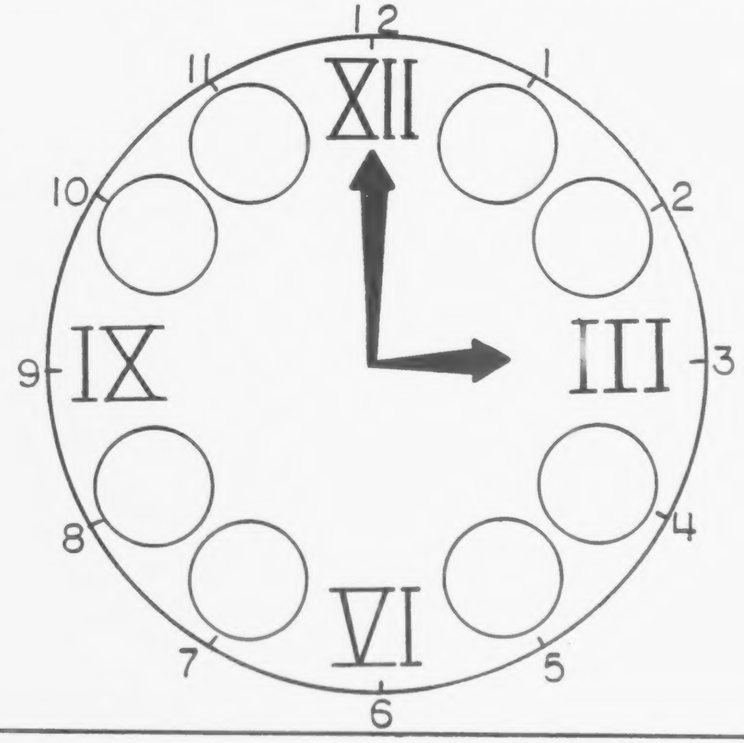
61 rounds to _____

P.O. 2.01.09.02

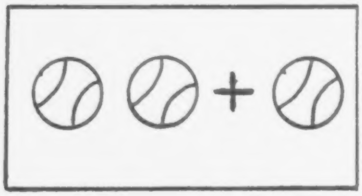
NAME:____________________ CLASS:__________ DATE:__________

Follow the directions below.

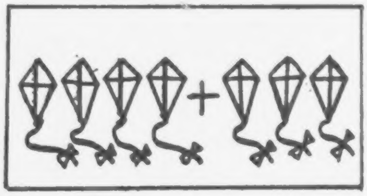
Write the missing Roman numerals on the clock.


12
XII
1
11
10
2
IX
III
9
3
8
4
VI
7
5
6

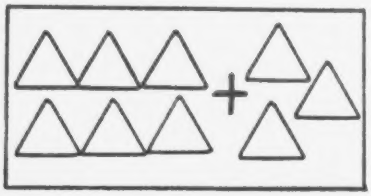
Write each sum as a Roman numeral.



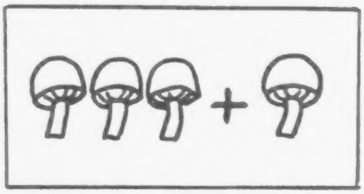
______



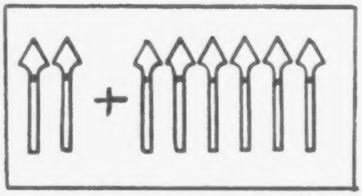
______



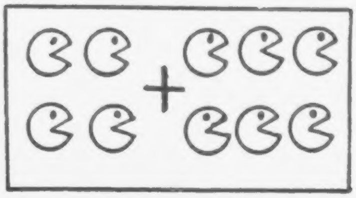
______



______



______

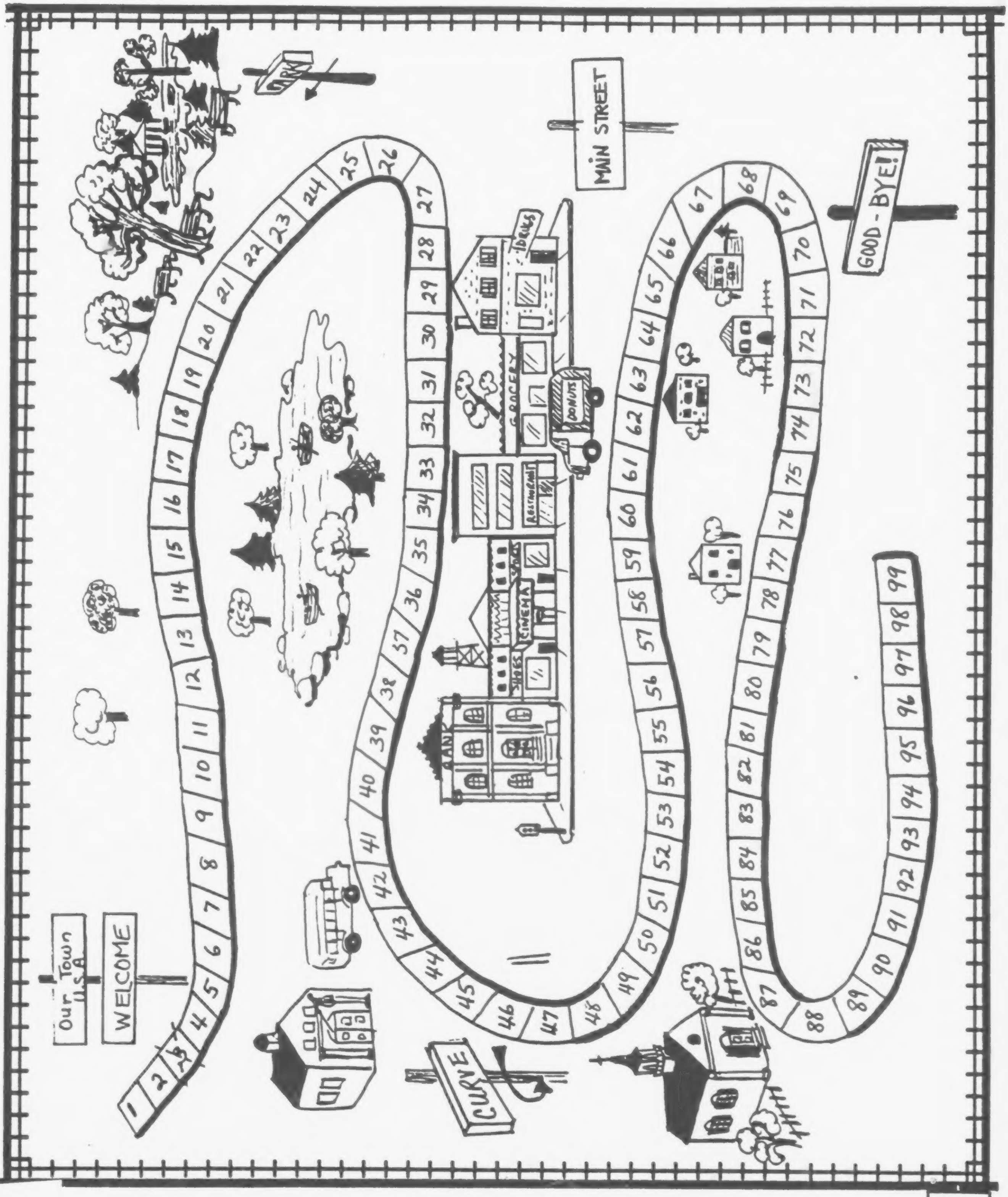


______

P.O. 2.01.10.01

NAME: ______________________________ CLASS; ________ DATE: ________

Place an X on every third number on the road through town.


Our Town U.S.A.
WELCOME
CURVE
MAIN STREET
GOOD-BYE!
DRUGS
GROCERY
DONUTS
RESTAURANT
CINEMA
SHOES
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
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95
96
97
98
99

P.O. 2.01.10.02

NAME: ____________________ CLASS: ________ DATE: ________

Count by threes and write the missing numerals.

0, 3, 6, ___, ___, ___, ___, ___

24, 27, ___, ___, ___, 39, ___

45, 48, ___, ___, 57, ___, ___

66, 69, ___, ___, ___, 81, ___

87, 90, ___, ___, ___

DO YOU REMEMBER?

Write =, <, or > to complete each number sentence.

709 ○ 719

654 ○ 654

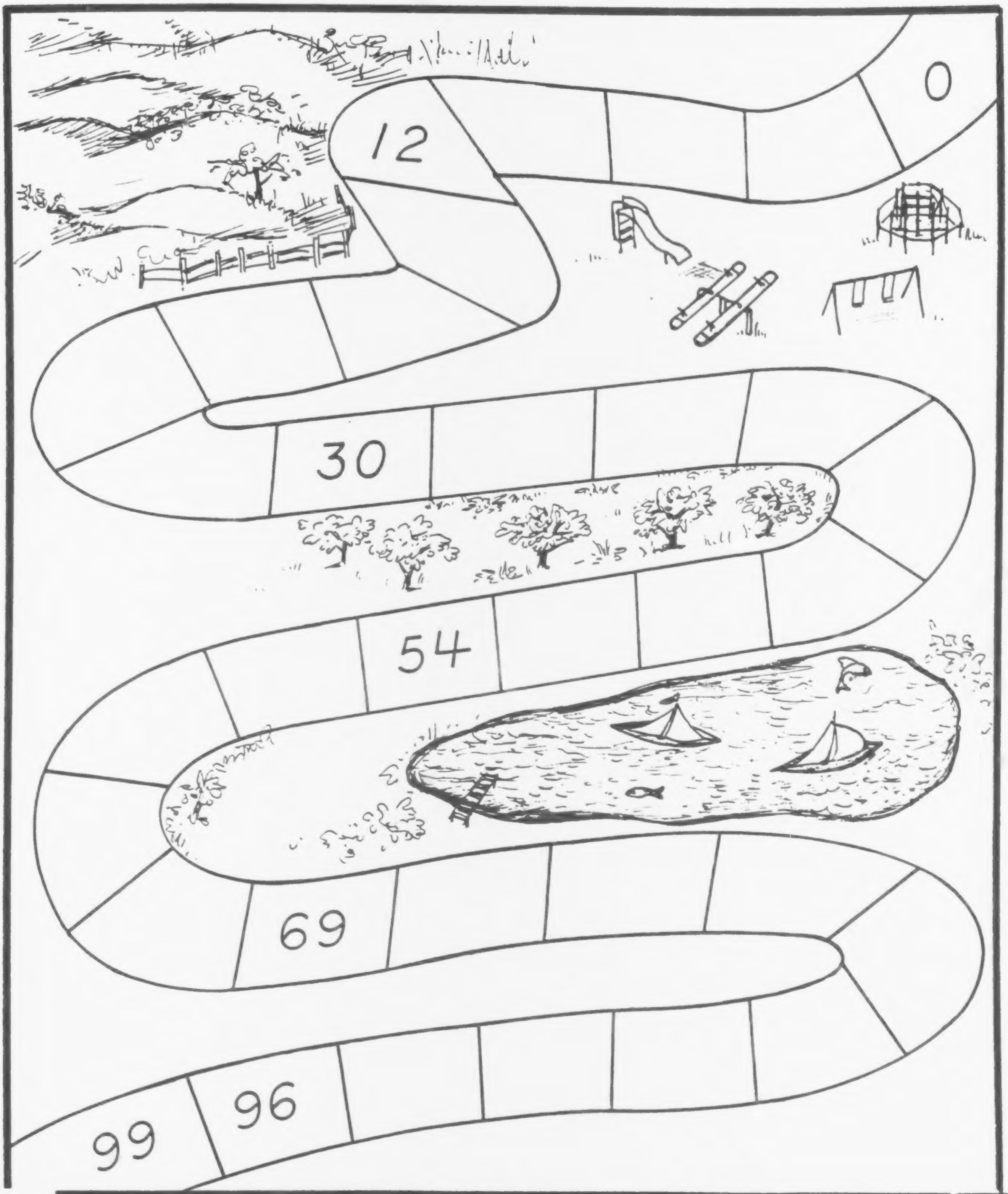
399 ○ 385

909 ○ 999

P.O. 2.01.10.03

NAME:____CLASS:_________DATE:________

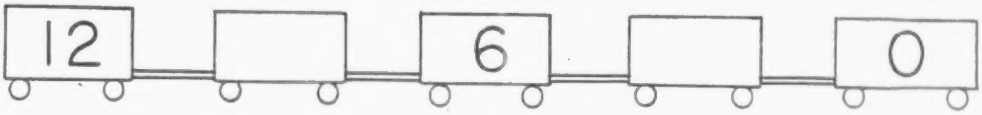
Start at 99 and count backwards by threes.
Write the missing numerals.

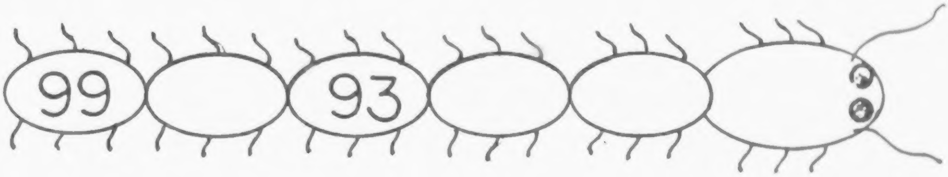

0
12
30
54
69
96
99

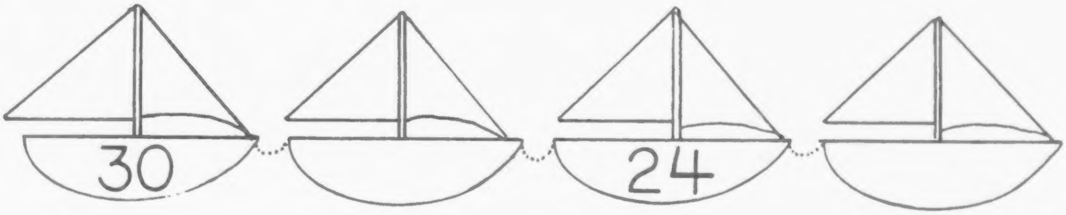
P.O. 2.01.10.03

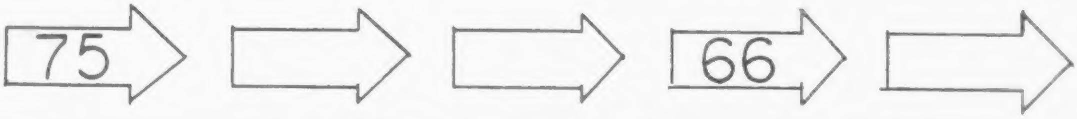
NAME: ______________________ CLASS: __________ DATE: ________

Count backward by threes and write the missing numerals.









A. 12, 9, ______, ______

B. 45, ______, 39, ______

C. 33, 30, ______, ______

DO YOU REMEMBER?

Solve Check

57
− 9 ______

Solve Check

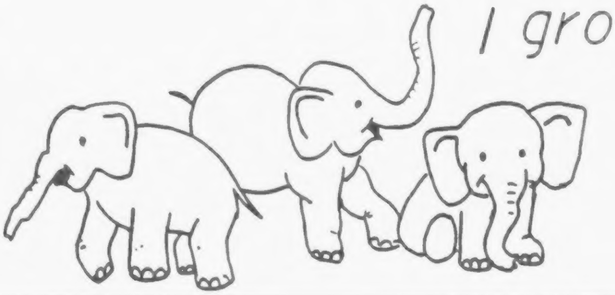
63
− 6 ______

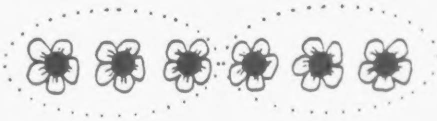
P.O. 2.04.03.01

NAME: ______________________ CLASS: ________ DATE: ________

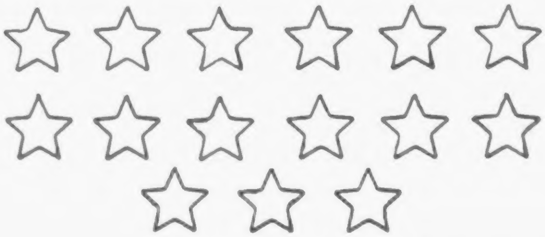
Circle groups of three.
Write the missing numerals.

1 group of three = 1 X 3

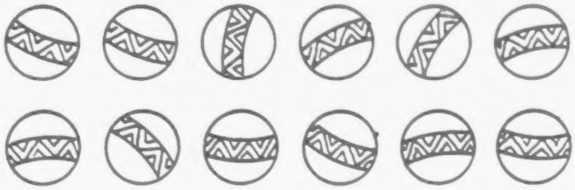




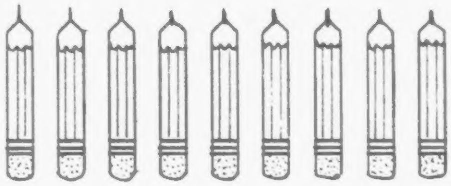
2 groups of three = __X__



5 groups of three = __X__



4 groups of three = __X__



3 groups of three = __X__

DO YOU REMEMBER?

The King was in the counting house. He counted 36 gold coins and 24 silver coins. How many coins did he count in all?

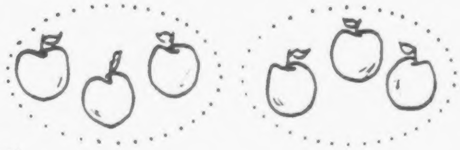
Solve

Check

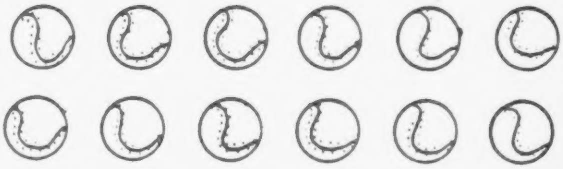
P.O. 2.04.03.02

NAME: ____________________ CLASS: ________ DATE: ________

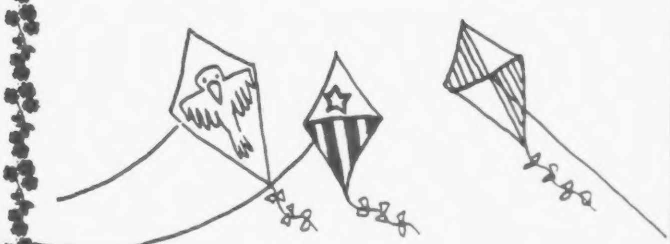
Circle groups of three.
Write the missing numerals.



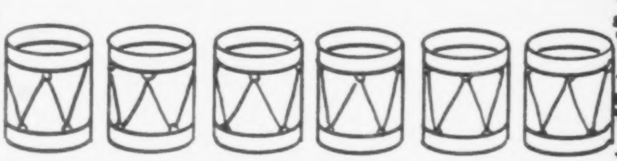
6 apples
2 groups of three = 6



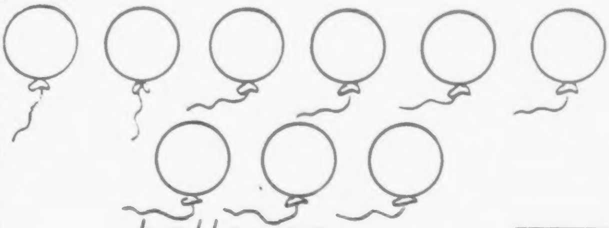
___ balls
___ groups of three = ☐



___ kites
___ group of three = ☐



___ drums
___ groups of three = ☐

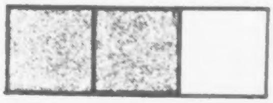


___ balloons
___ groups of three = ☐

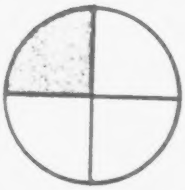
___ stars
___ groups of three = ☐

DO YOU REMEMBER?

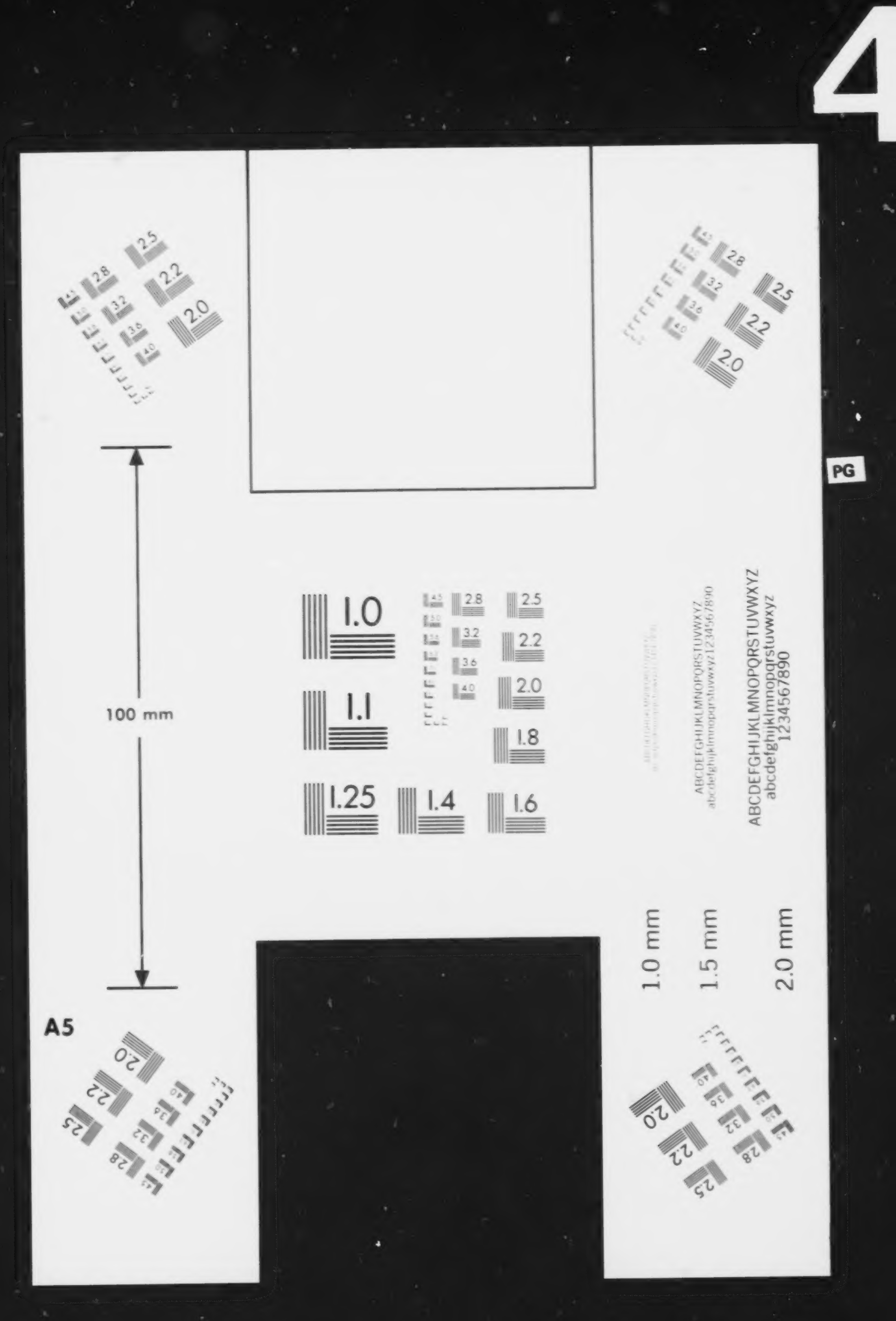
What fraction names the shaded part of each figure?



___



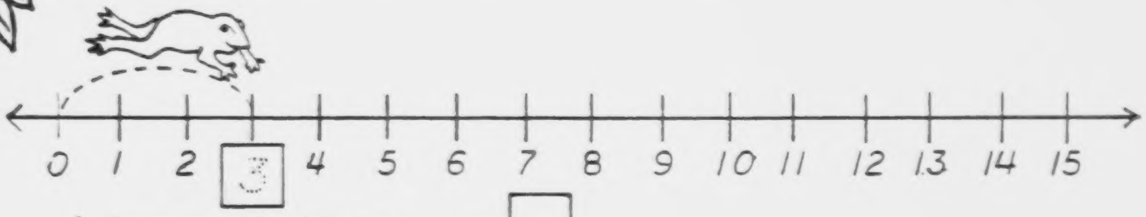
___


4
PG
A5
100 mm
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
1.0 mm
1.5 mm
2.0 mm
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

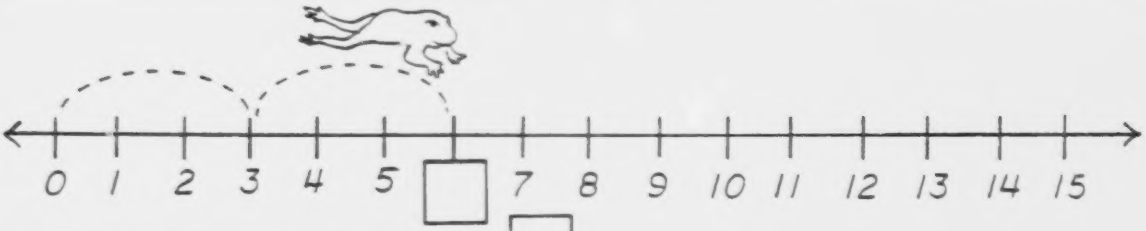
P.O. 2.04.03.03

NAME: ________________________ CLASS: __________ DATE: ________

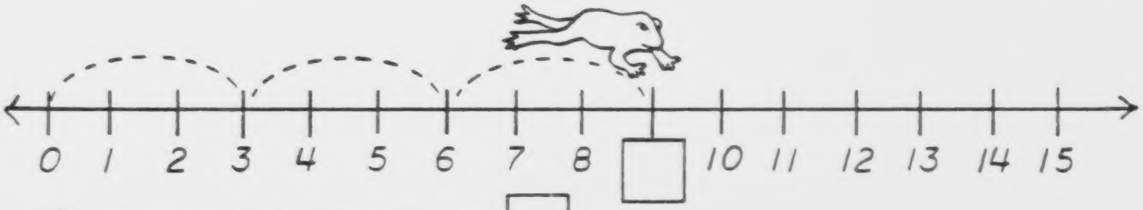
Write the numeral that tells where the frog will land.


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

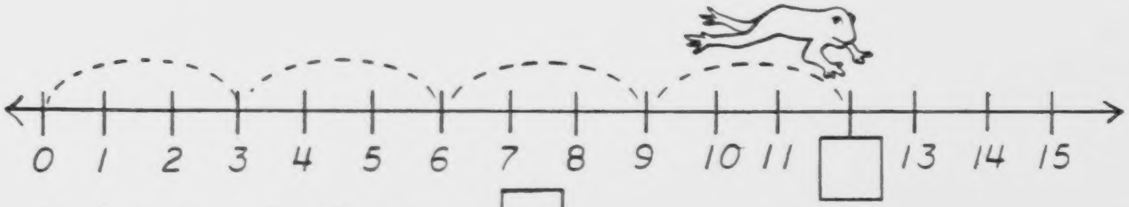
1 jump of three = ☐


0 1 2 3 4 5 7 8 9 10 11 12 13 14 15

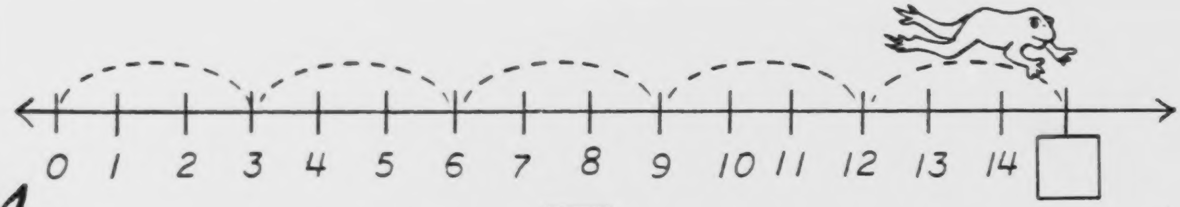
2 jumps of three = ☐


0 1 2 3 4 5 6 7 8 10 11 12 13 14 15

3 jumps of three = ☐


0 1 2 3 4 5 6 7 8 9 10 11 13 14 15

4 jumps of three = ☐

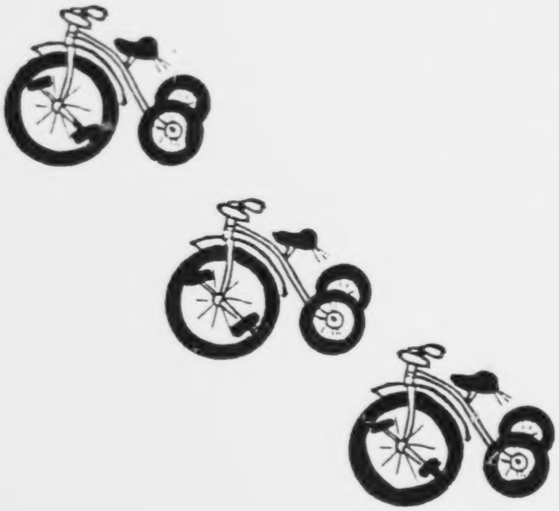

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

5 jumps of three = ☐

P.O. 2.04.03.04

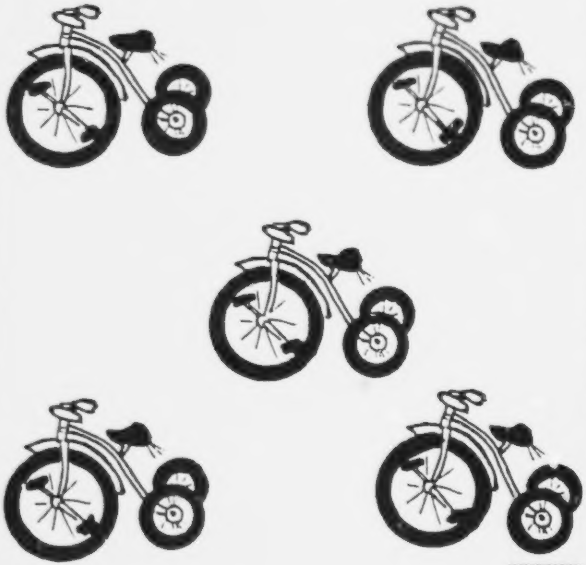
NAME: ______________________ CLASS: __________ DATE: ________

Count the wheels on the tricycles in groups of three.
Complete each number sentence.



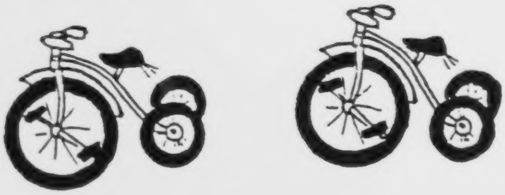
3 + 3 + 3 = ☐

3 × 3 = ☐



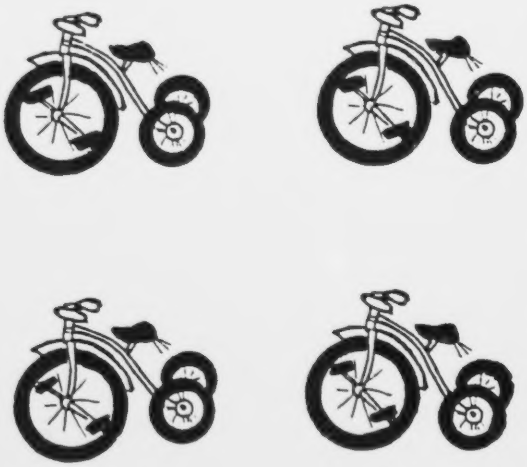
3 + 3 + 3 + 3 + 3 = ☐

5 × 3 = ☐



3 + 3 = ☐

2 × 3 = ☐



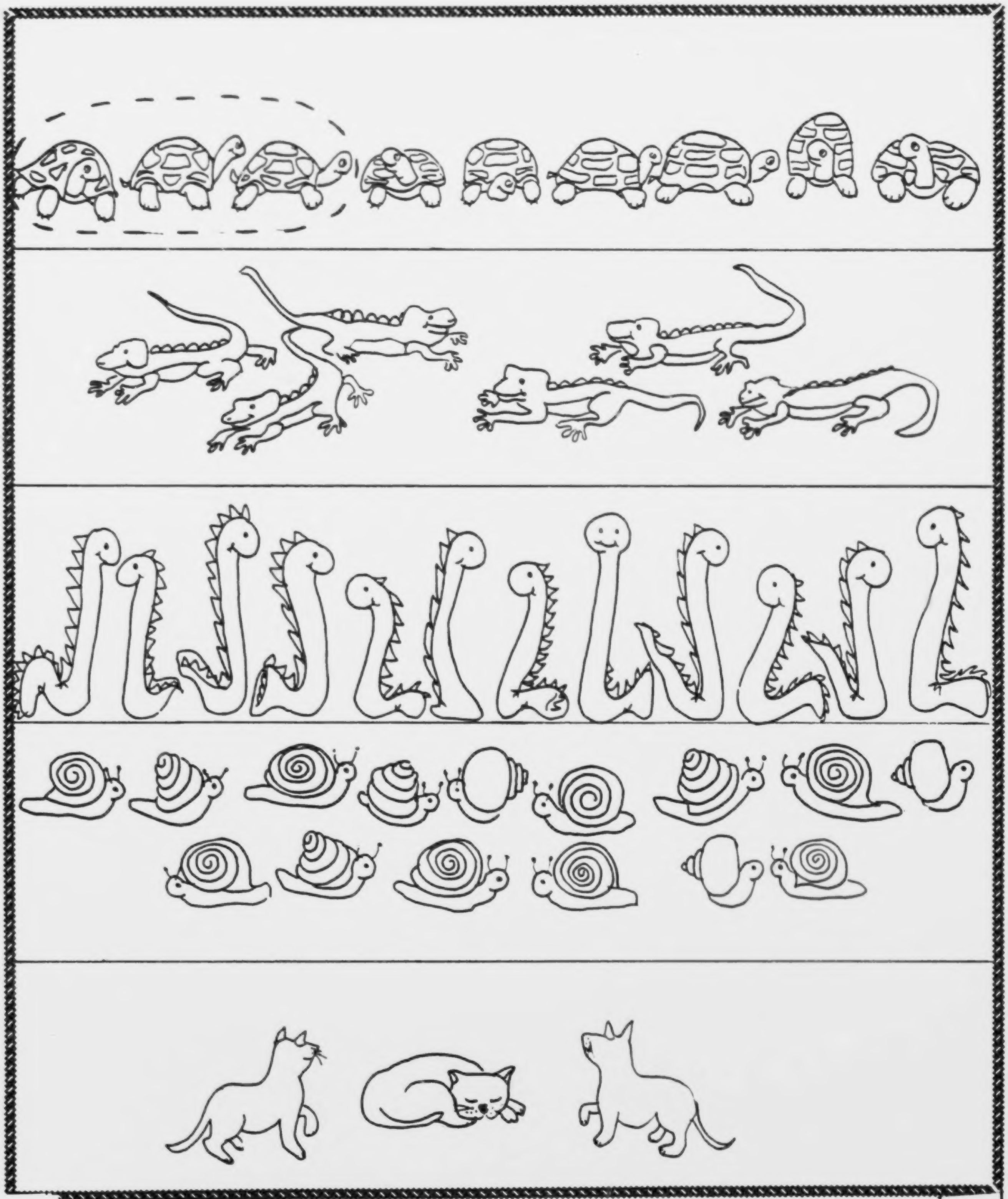
3 + 3 + 3 + 3 = ☐

4 × 3 = ☐

P.O. 2.05.04.01

NAME:____________________________________CLASS:_________DATE:_______

Separate the following objects into groups of 3.

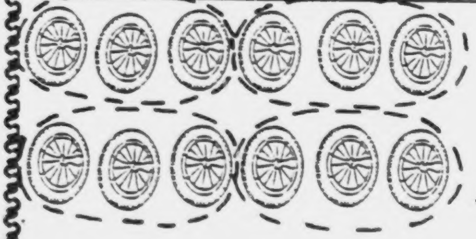


P.O. 2.05.04.02

NAME: ______________________ CLASS: ________ DATE: ________

Count the wheels. Each tricycle gets 3 wheels.
How many tricycles can be made?

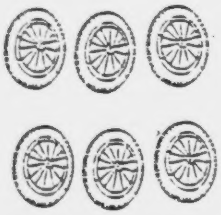
THE TRICYCLE FACTORY



How many tricycles?

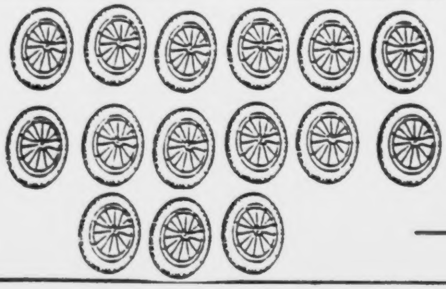
12 wheels

4



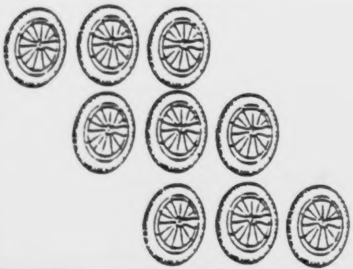
How many tricycles?

_____ wheels



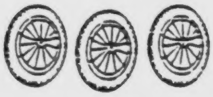
How many tricycles?

_____ wheels



How many tricycles?

_____ wheels



How many tricycles?

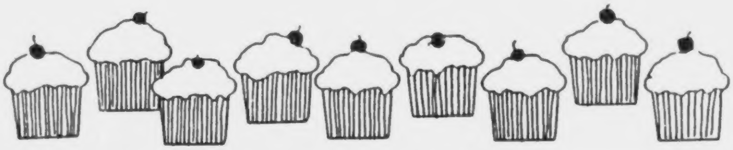
_____ wheels

P.O. 2.05.04.03

NAME: ______________________ CLASS: __________ DATE: __________

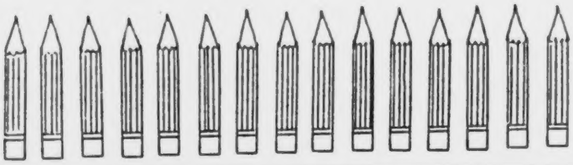
Solve each story problem.

1. There are 9 cupcakes.
   Each package gets 3 cupcakes.
   How many packages are needed?



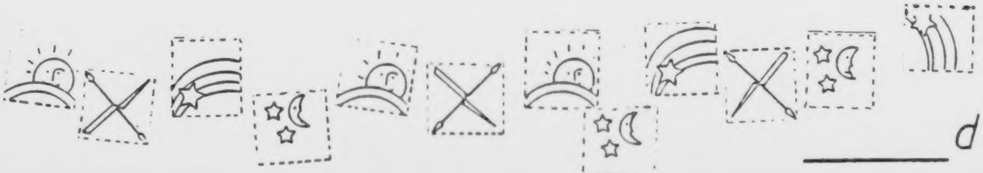
3 packages

2. Danny has 15 pencils.
   He put 3 pencils in each bundle.
   How many bundles did he make?



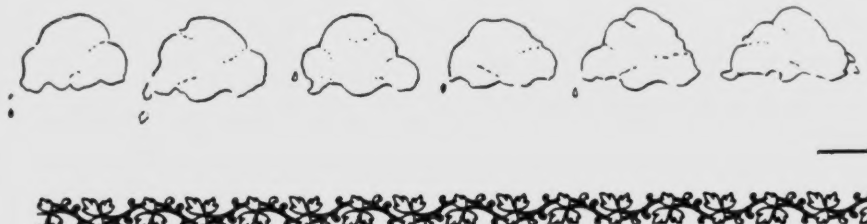
______ bundles

3. I bought a package of 12 stickers.
   Each day I pasted 3 stickers in my book.
   How many days did it take to paste all the stickers in my book?



______ days

4. Mother prepared 6 scoops of ice cream.
   She put 3 scoops into each cone.
   How many cones did she use?



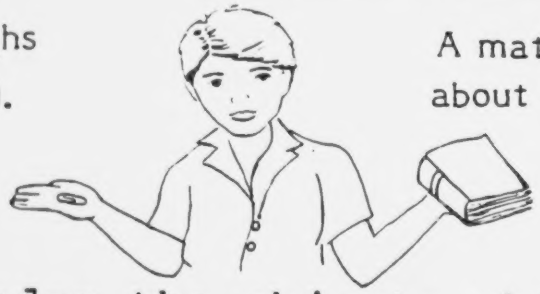
______ cones

P.O. 2.10.09.01 - .02

NAME: ______________________ CLASS: __________ DATE: ________

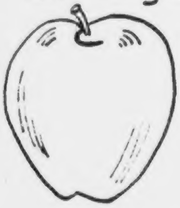
Follow the directions below.

A paper clip weighs about 1 gram (1 g).

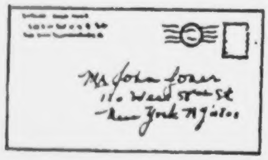


A math book weighs about 1 kilogram (1 kg).

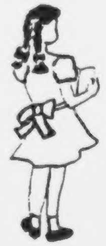
Place a g under the objects which should be measured in grams. Place kg under the objects which should be measured in kilograms.



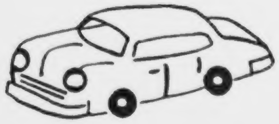
g



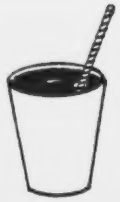
____



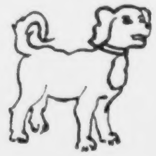
____



____



____



____

Complete each sentence with grams or kilograms.

1. A nickel weighs about 5 grams.
2. My brother weighs 60 __________.
3. Our car weighs about 2000 __________.
4. A spoon can hold 10 __________ of sugar.
5. A hamburger weighs 100 __________.

P.O. 2.01.11.01

NAME: ______________________ CLASS: __________ DATE: ________

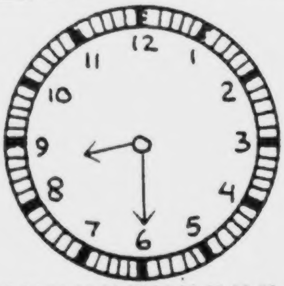
This monster can only eat numerals that are named when he counts by fours. Feed the Number Monster by coloring the numerals he can eat. Hint: The monster wants twenty-five numerals.

NUMBER MONSTER

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

DO YOU REMEMBER?

Circle the time shown on the clock.

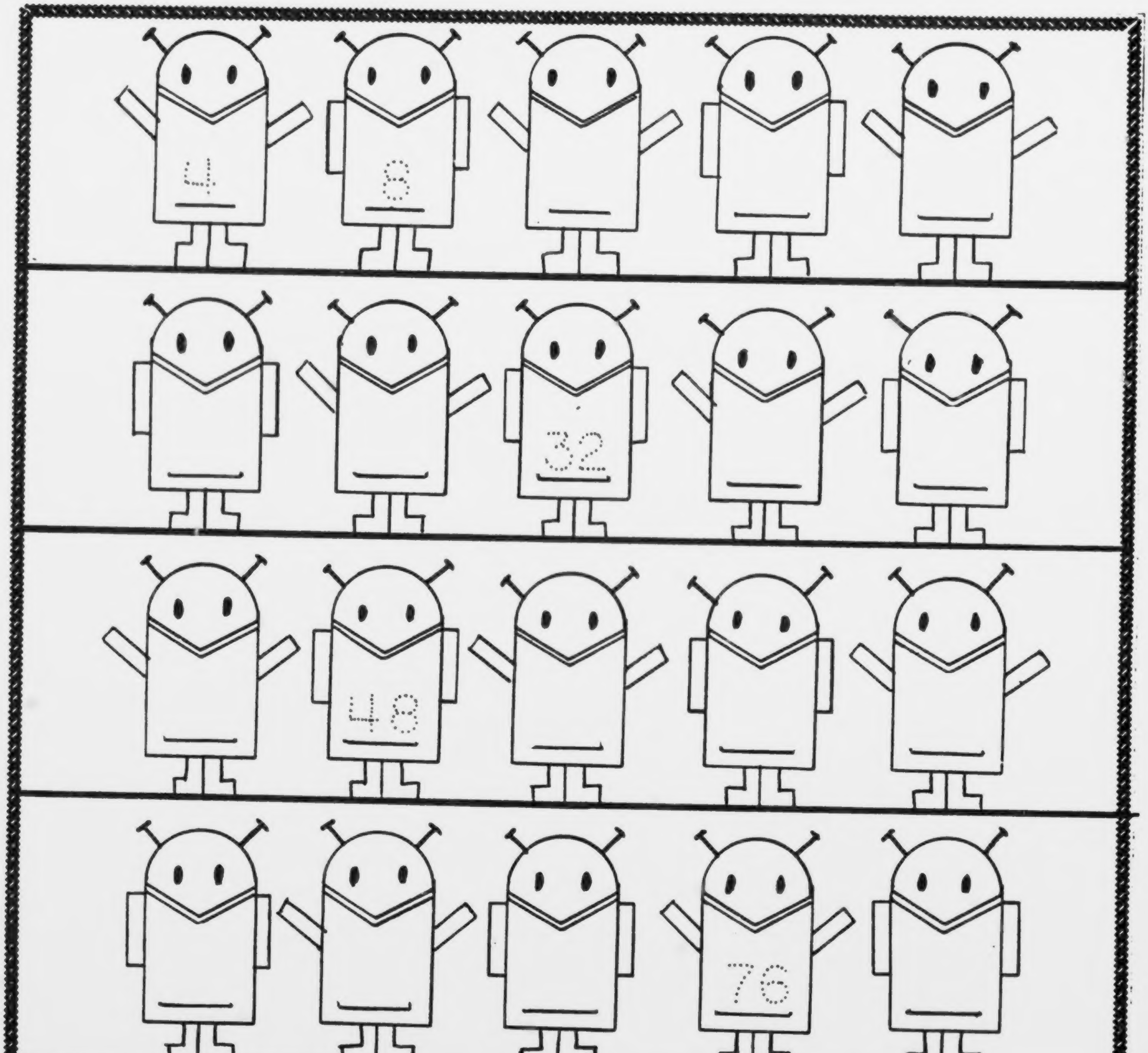


6:30 8:30 9:30

P.O. 2.01.11.02

NAME:____CLASS:__________DATE:________

Count by fours and write the numerals on the robots.

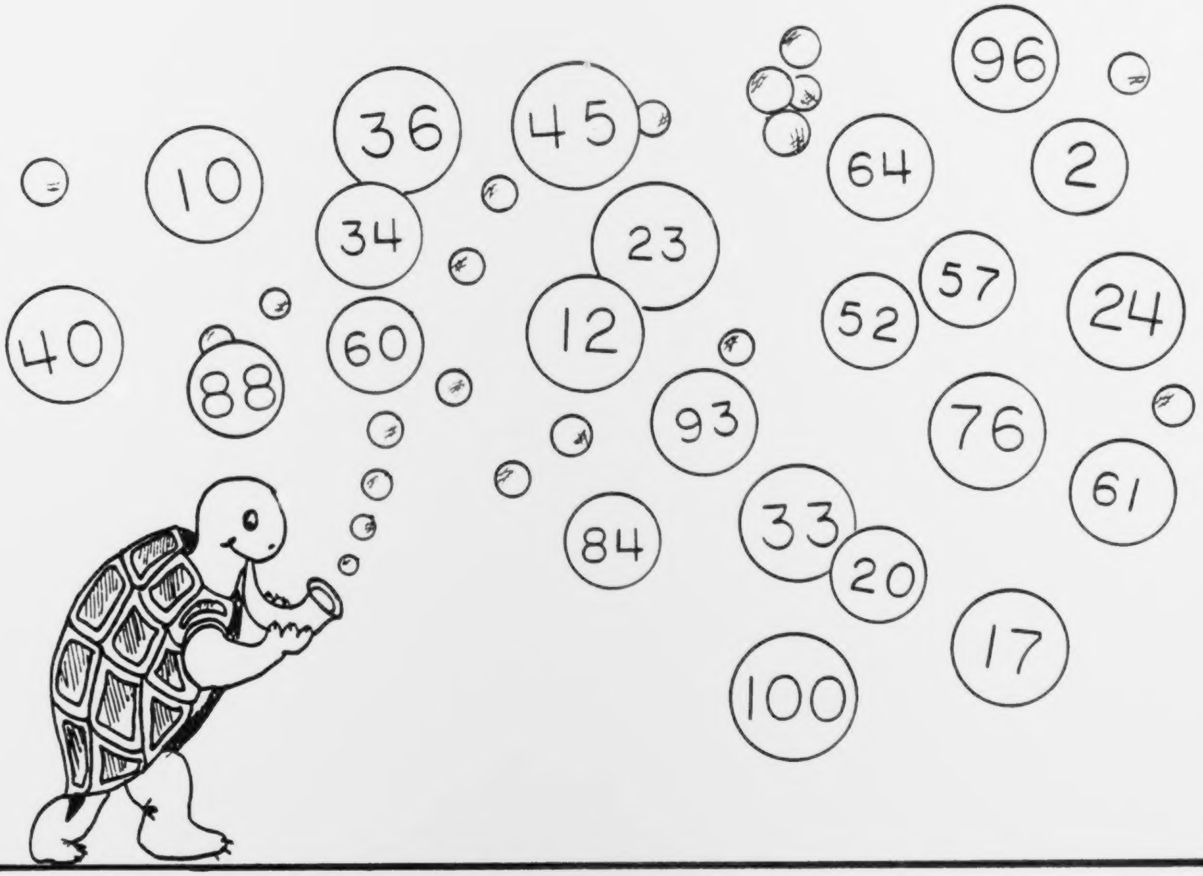

4
8
32
48
76
100

P.O. 2.01.11.02

NAME: ______________________ CLASS: __________ DATE: ________

Count by fours.
After you write each numeral, color the balloon with the matching numeral.

0, 4, 8, ___, 16, ___, ___, 28, 32, ___, ___, 44, 48,
___, 56, ___, ___, 68, 72, ___, 80, ___, ___, 92, ___, ___.


96
36
45
64
2
10
34
23
57
24
52
40
12
60
88
93
76
61
84
33
20
17
100

DO YOU REMEMBER?

$5+5=\_\_\_ \times 5$

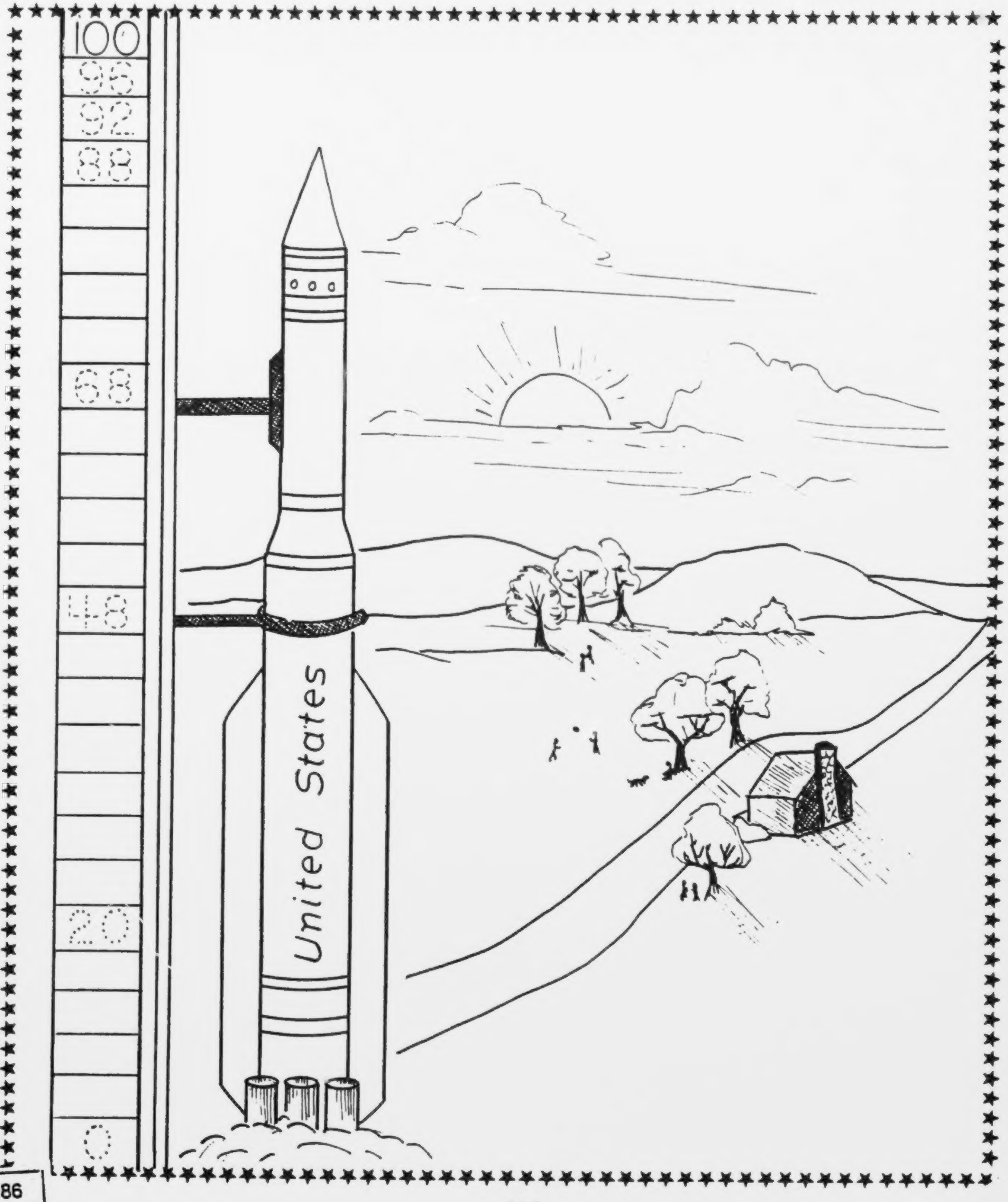
$5+5+5=\_\_\_ \times 5$

$5+5+5+5=4\times \_\_\_$

P.O. 2.01.11.03

NAME: ______________________ CLASS: __________ DATE: ________

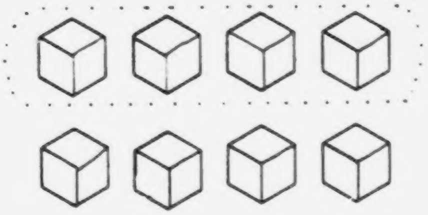
The count down for blast off begins at 100.
Count backwards by fours to blast off at 0.


100
96
92
88
68
48
20
0
United States

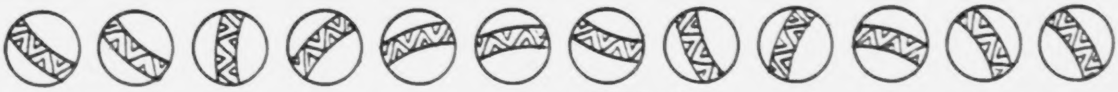
P.O. 2.04.04.01

NAME: ______________________________ CLASS: __________ DATE: ________

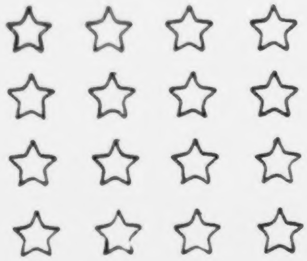
Circle groups of four.
Write the numeral that shows how many groups of four you circled.



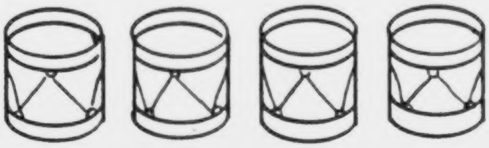
$\boxed{2}$ groups of 4



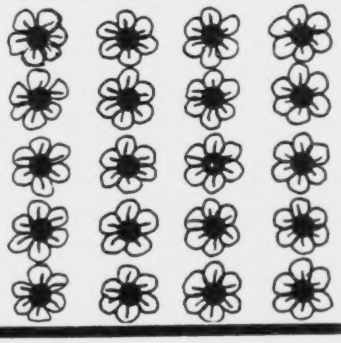
☐ groups of 4



☐ groups of 4



☐ group of 4

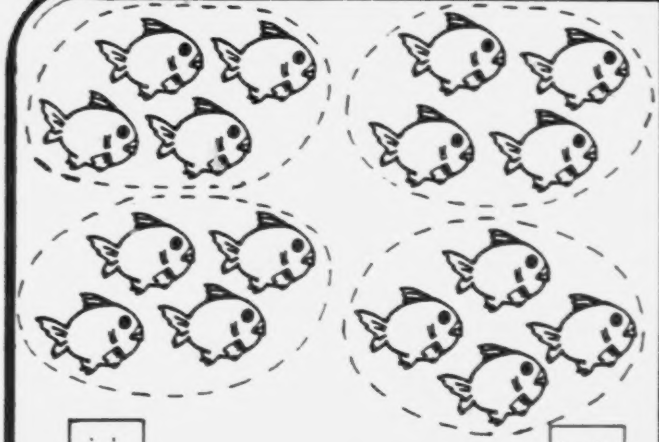


☐ groups of 4

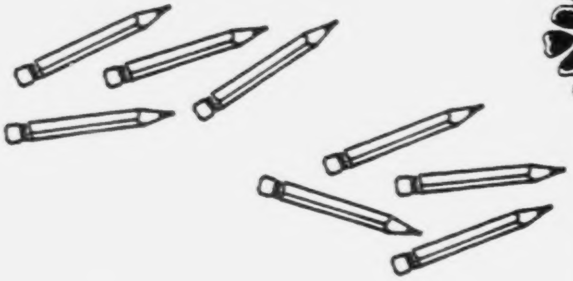
P.O. 2.04.04.02

NAME: ______________________________ CLASS: __________ DATE: __________

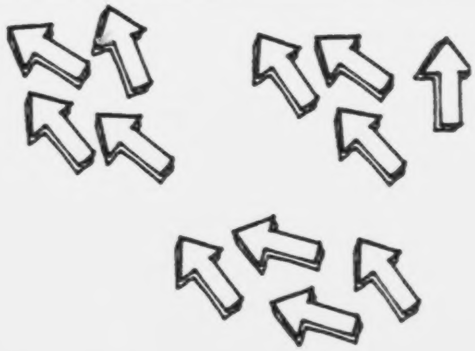
Circle each group of four.
Tell how many in all.



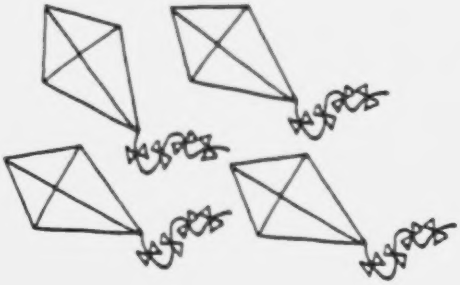
4 groups of four = 16



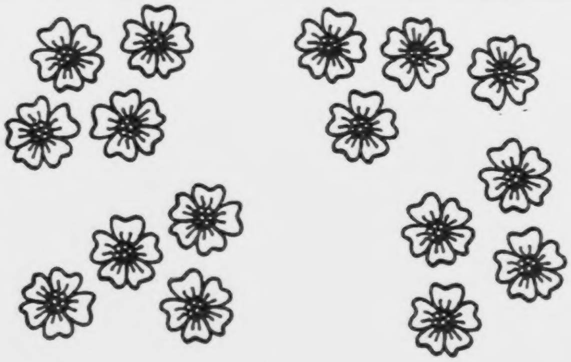
☐ groups of four = ☐



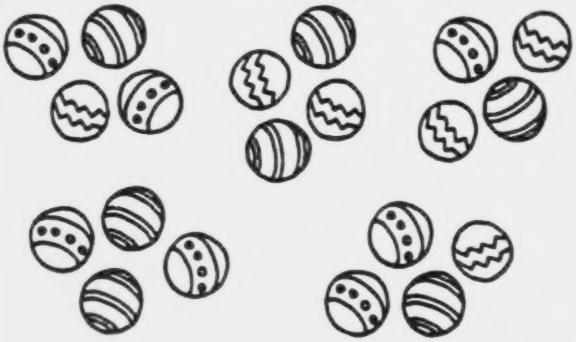
☐ groups of four = ☐



☐ group of four = ☐



☐ groups of four = ☐

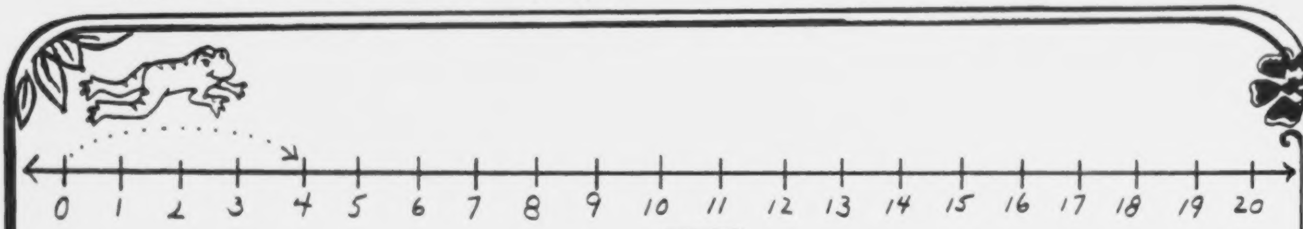


☐ groups of four = ☐

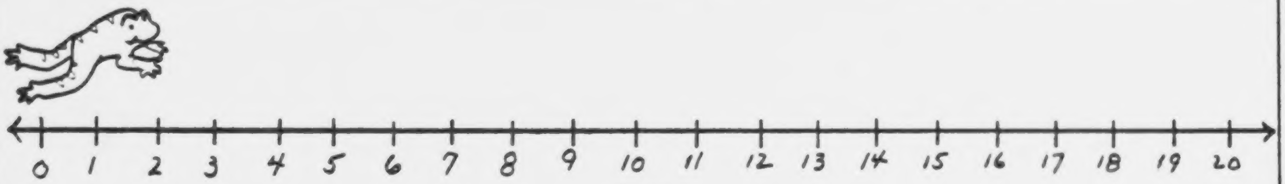
P.O. 2.04.04.03

NAME: ______________________ CLASS: __________ DATE: ________

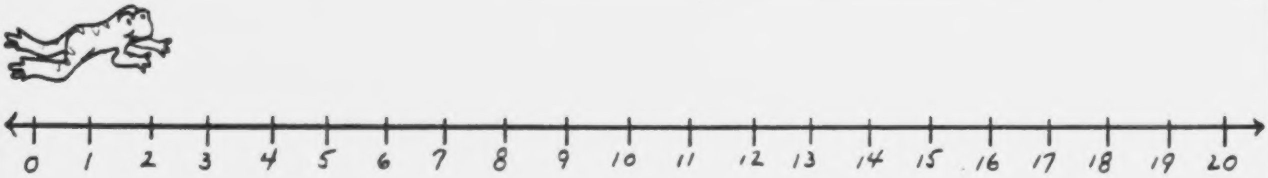
Froggie hops four spaces each time he jumps.
Draw arrows to show the jumps.


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

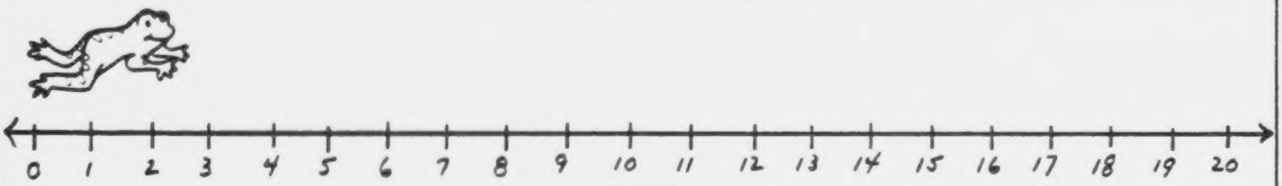
1 group of four = ☐


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

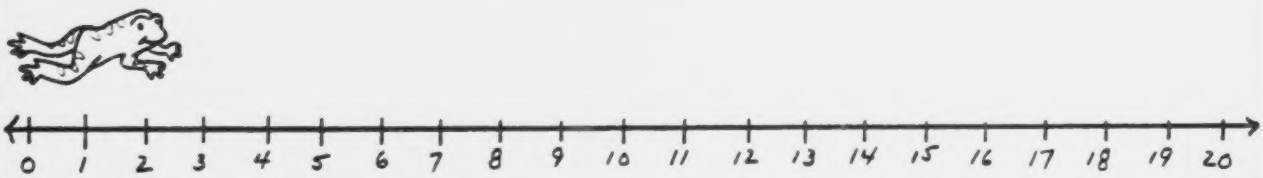
2 groups of four = ☐


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

3 groups of four = ☐


0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

4 groups of four = ☐

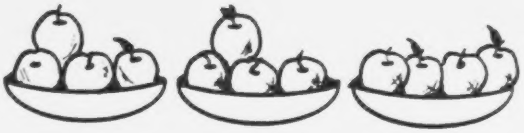

0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

5 groups of four = ☐

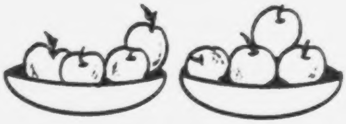
P.O. 2.04.04.04

NAME: ______________________ CLASS: ________ DATE: ________

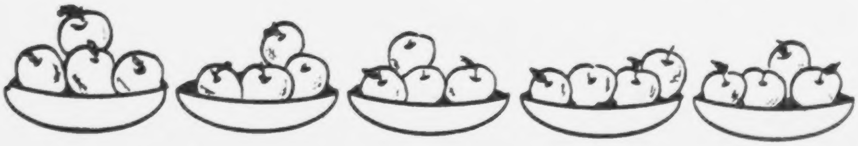
Count the apples.
Complete the addition and multiplication.



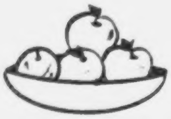
4 + 4 + 4 = 3 x 4 = 12



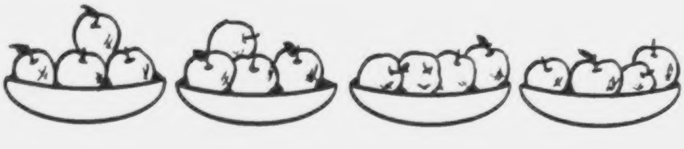
___ + ___ = ___ x 4 = ___



___ + ___ + ___ + ___ + ___ = ___ x 4 = ___



___ = ___ x 4 = ___

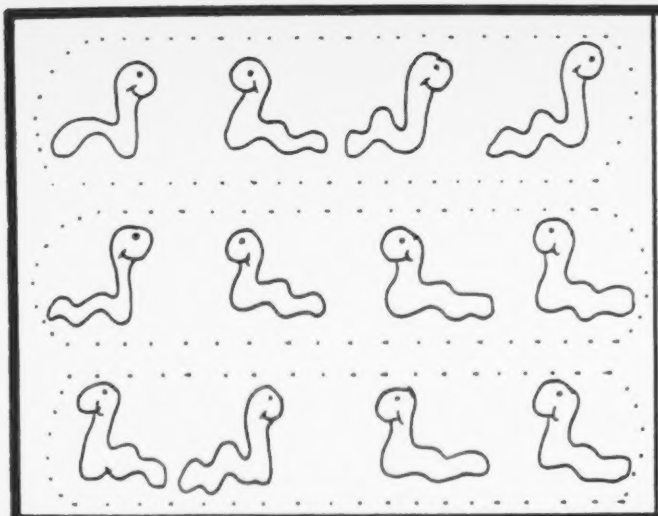
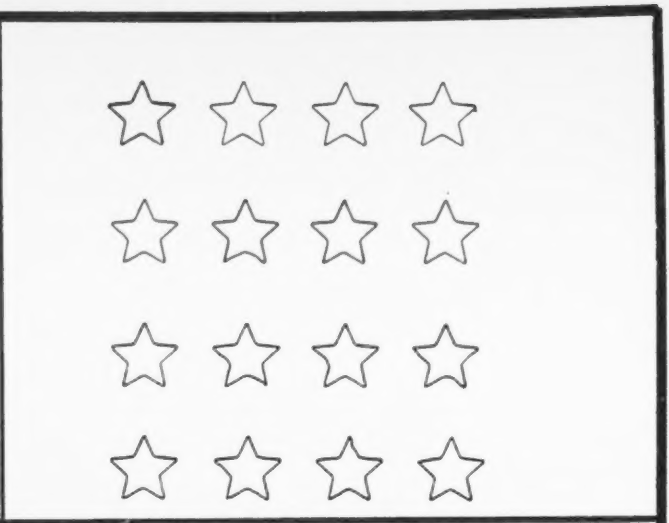
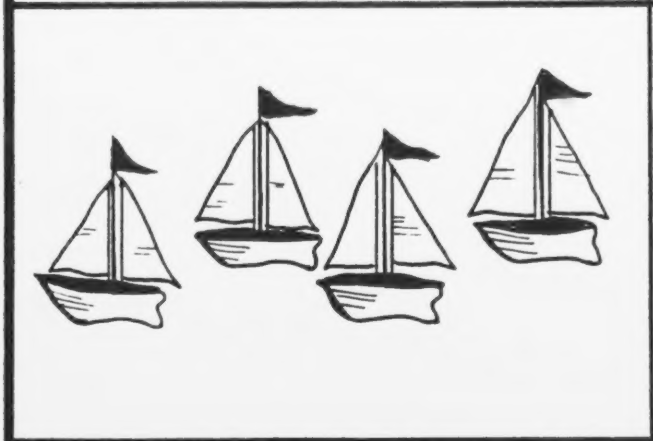
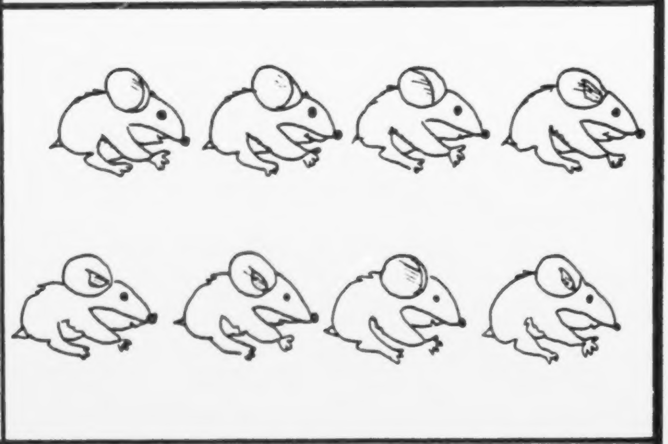
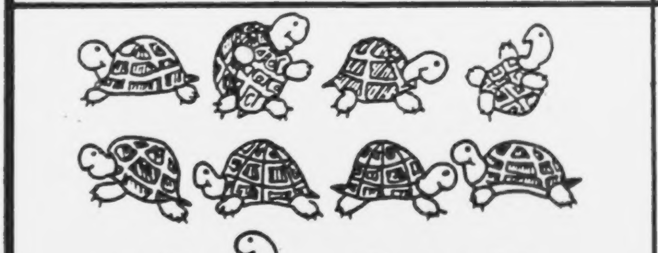
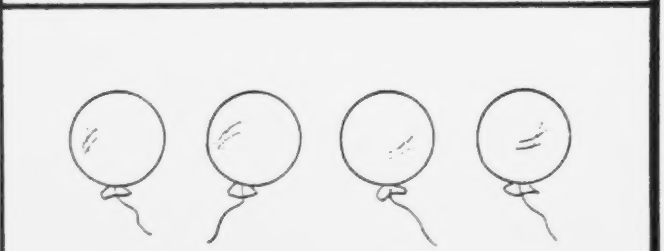


___ + ___ + ___ + ___ = ___ x 4 = ___

P.O. 2.05.05.01

NAME:____________________________________ CLASS:__________ DATE:________

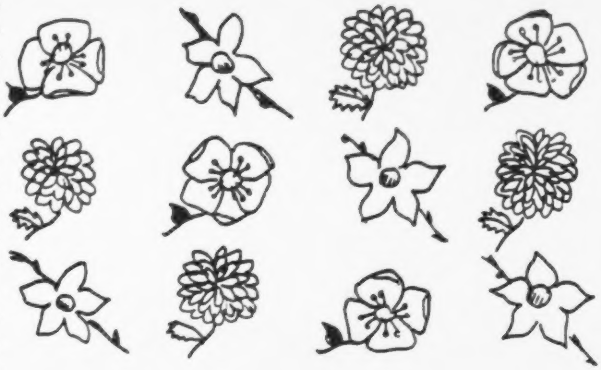
Draw a ring around groups of four in each box.

P.O. 2.05.05.02

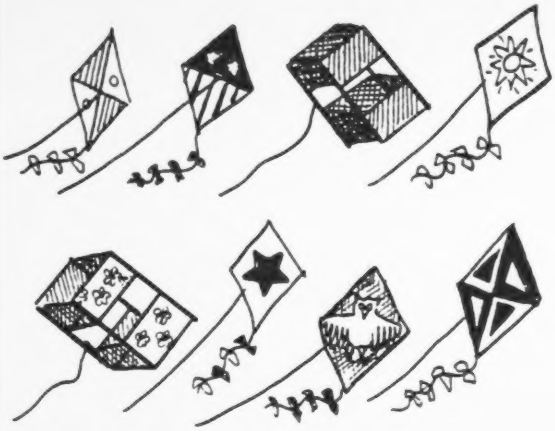
NAME: ____________________ CLASS: __________ DATE: ________

Draw a ring around groups of four.
Complete each sentence.



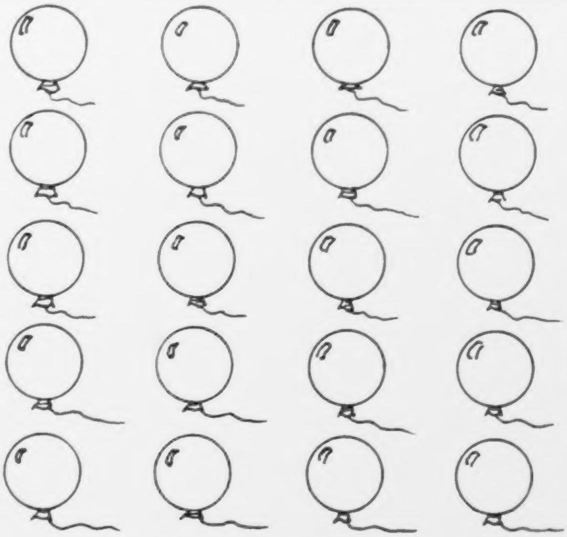
_______ flowers in all.

_______ groups of 4.



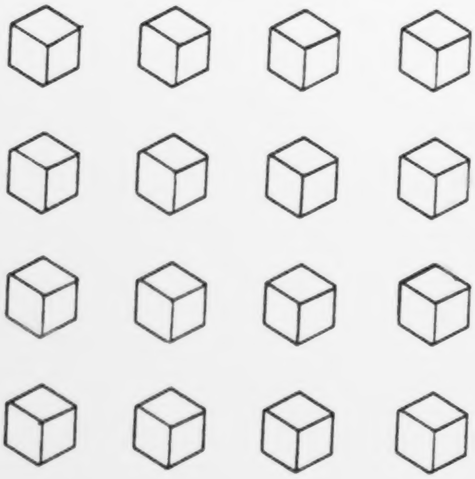
_______ kites in all.

_______ groups of 4.



_______ balloons in all.

_______ groups of 4.



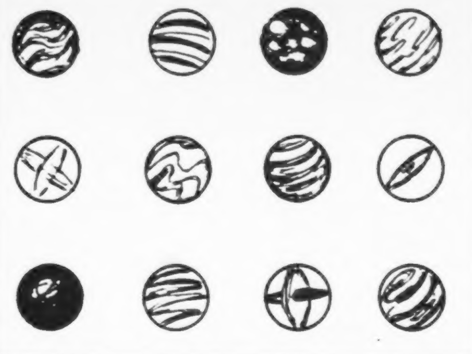
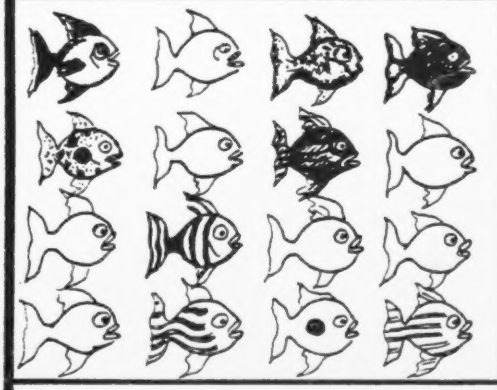
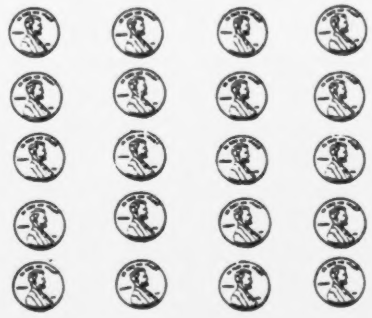
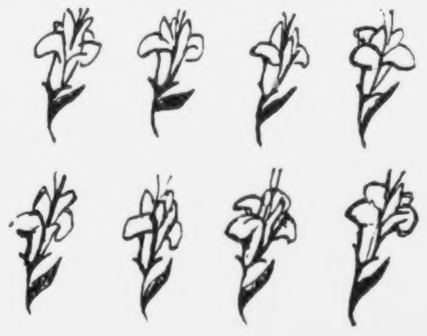
_______ boxes in all.

_______ groups of 4.

P.O. 2.05.05.03

NAME: ____________________ CLASS: ________ DATE: ________

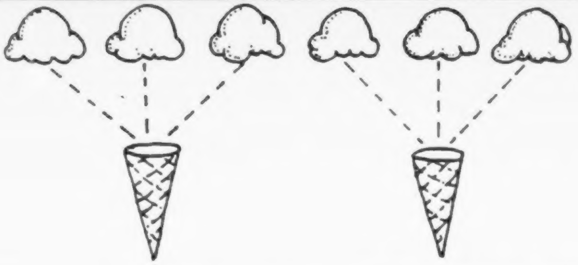
Read and solve each problem.

	Pam has 12 marbles. She will give 4 to each friend. How many friends will get marbles? ________ friends
	Mrs. Berg wants to buy 16 pet fish and some fish bowls. She will place 4 fish in each bowl. How many bowls does she need? ________ bowls
	Kate has 20 pennies. She will place 4 in each pile. How many piles can she make? ________ piles
	Anita will place 4 flowers in each vase. If she has 8 flowers, how many vases will she need? ________ vases

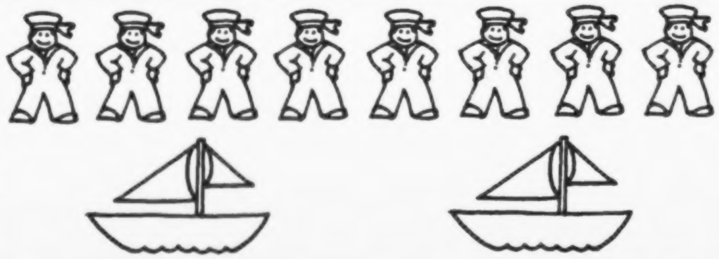
P.O. 2.06.02.01

NAME: ______________________ CLASS: ________ DATE: ________

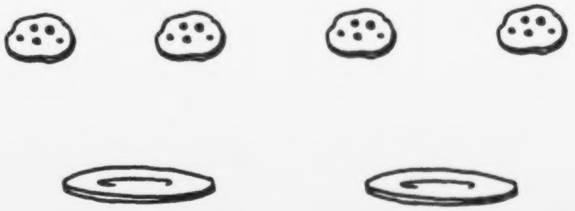
Draw lines to show how each group is divided in half.
Complete each statement.



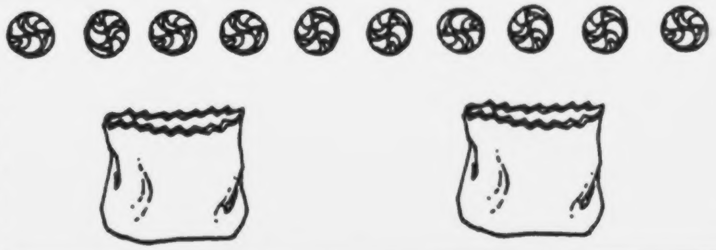
There are 3 scoops for each cone.
One-half of 6 is 3.



There are ☐ people for each boat.
One-half of 8 is ☐.



There are ☐ cookies for each plate.
One-half of 4 is ☐



There are ☐ marbles for each bag.
One-half of 10 is ☐.

DO YOU REMEMBER?

Mr. Lee has 15 balloons.

His 5 children will share them equally.

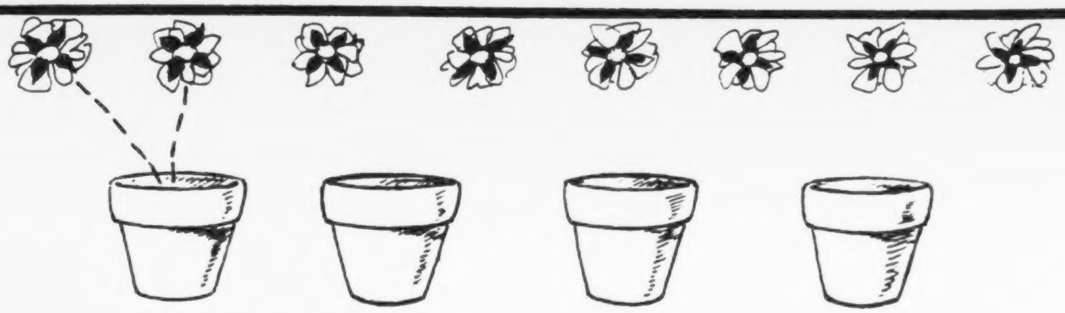
How many balloons will each child receive?

_______ balloons.

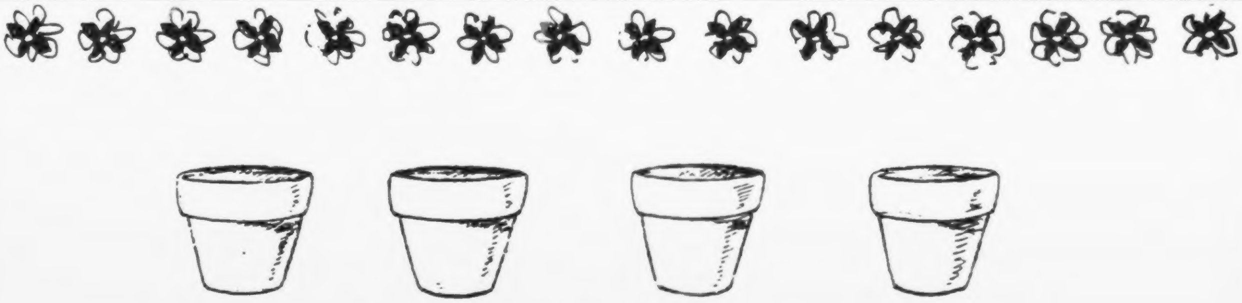
P.O. 2.06.02.02

NAME: ______________________ CLASS: ________ DATE: ________

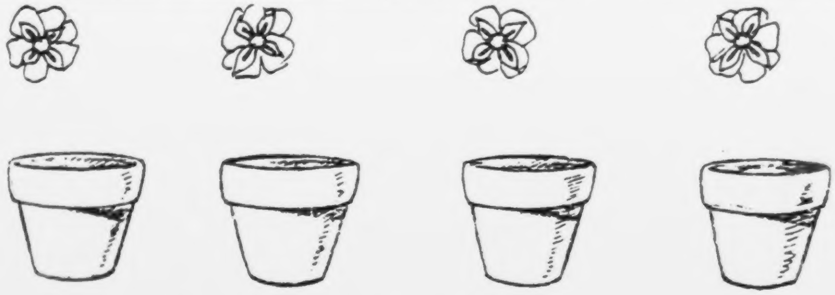
Place an equal number of flowers in each flower pot by drawing lines from the flowers to the flower pots. Complete each sentence.



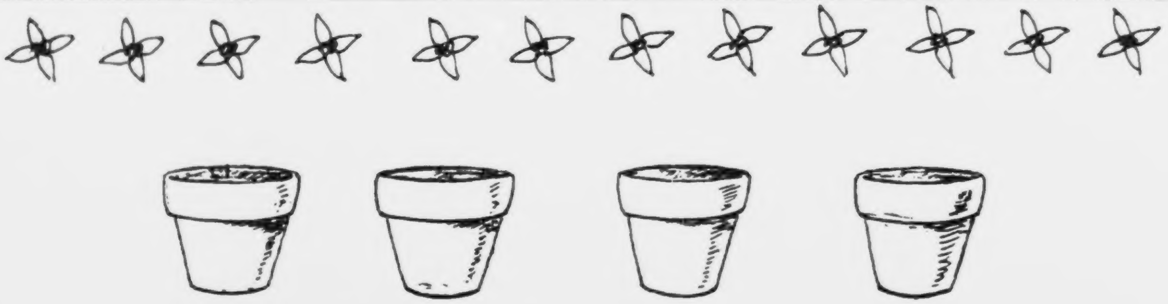
One-fourth of 8 is __2__.



One-fourth of 16 is ______.



One-fourth of 4 is ______.

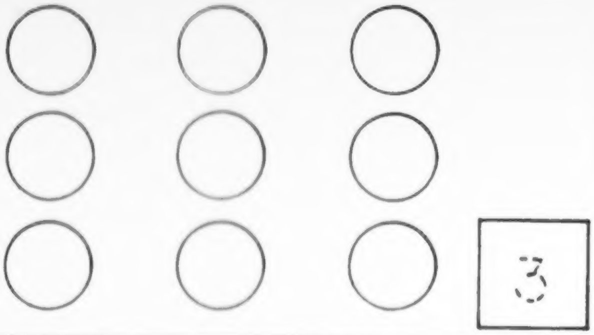


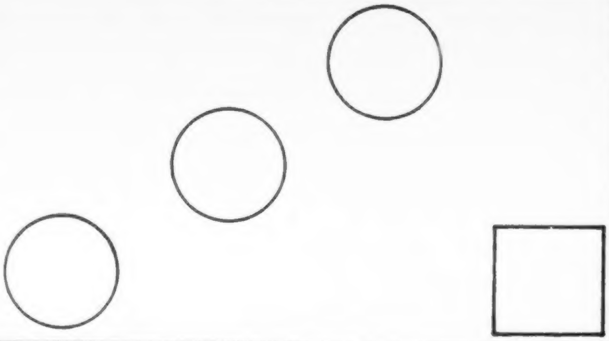
One-fourth of 12 is ______.

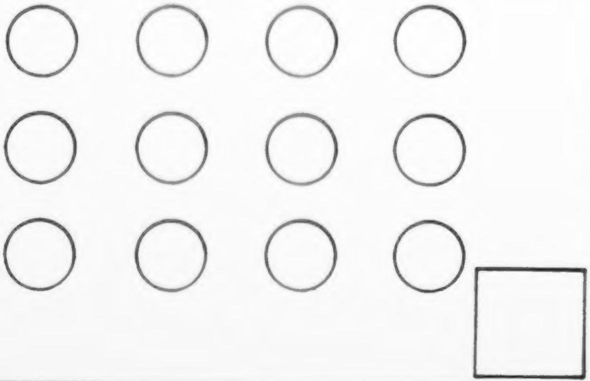
P.O. 2.06.02.03

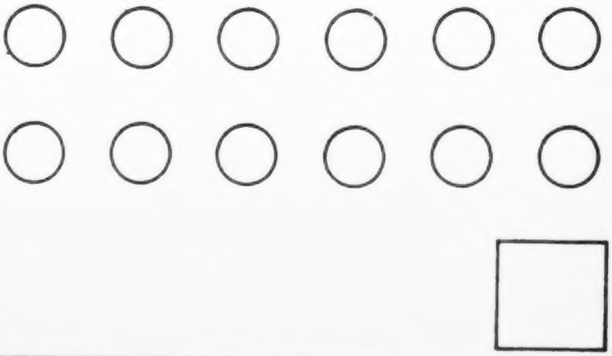
NAME: ______________________________ CLASS: __________ DATE: __________

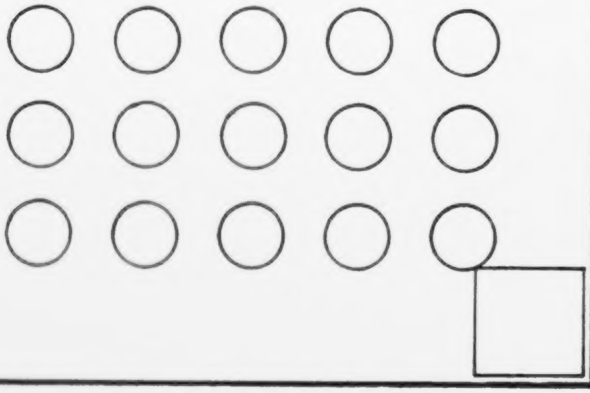
In each box, color one-third of all the circles red, one-third blue, and one-third yellow. How many of each are red, blue, or yellow? Write the numeral in the box.

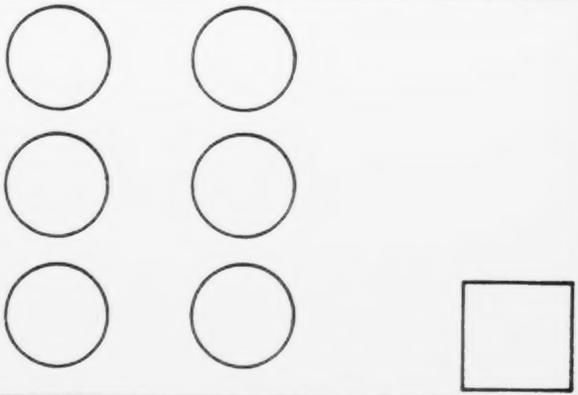






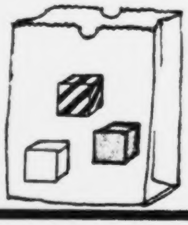






DO YOU REMEMBER?

If you pick a block out of the bag without looking, what is the chance of picking the shaded block?



______ out of ______

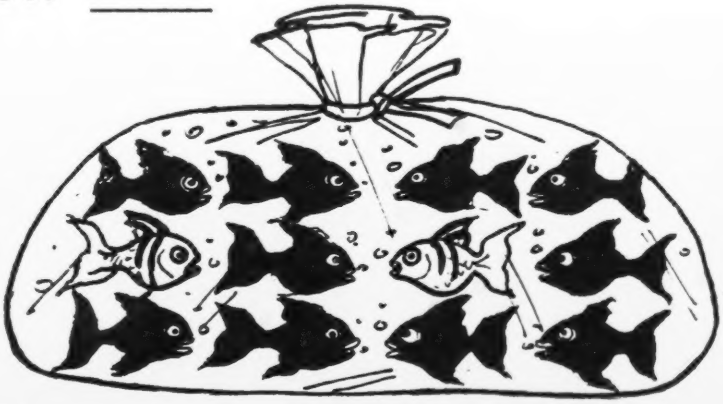
P.O. 2.06.02.04

NAME:______________________ CLASS:________ DATE:_______

Read each story problem. Answer the questions.

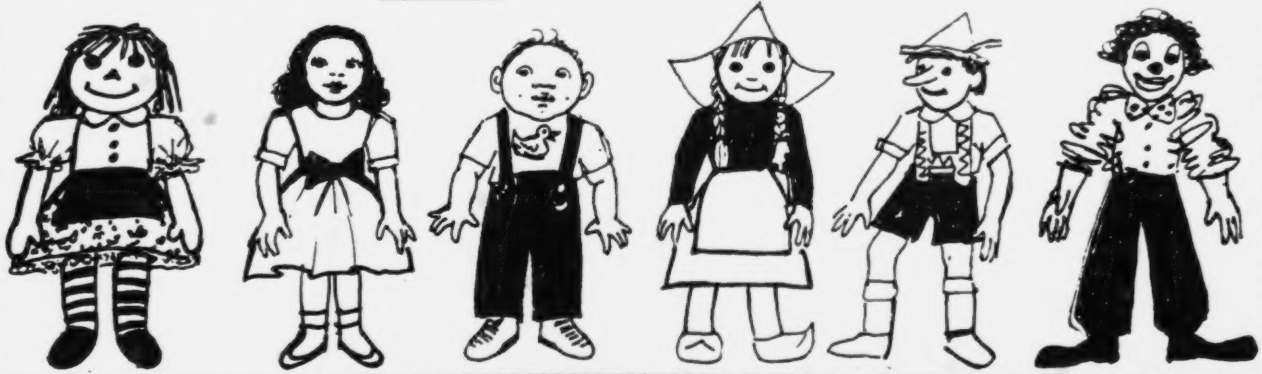
Bob, Bill, and Ben went to the pet shop to buy fish.
The clerk put 12 fish in one bag.
The boys shared the fish equally.

1. How many fish did each boy get? _____
2. What fractional part of the 12 fish did each boy get? _____



Janet and Sue went shopping.
They bought 6 dolls.
When they got home they divided the dolls equally.

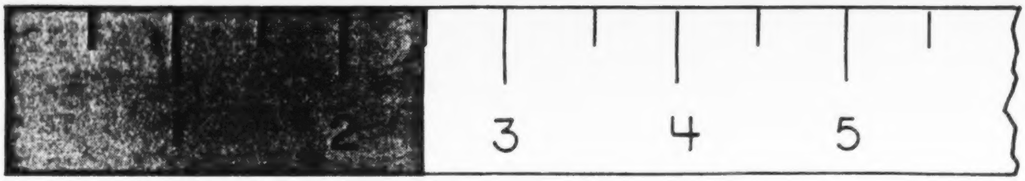
1. How many dolls did Janet get? _____
2. How many dolls did Sue get? _____
3. What fractional part of the 6 dolls did each girl get? _____



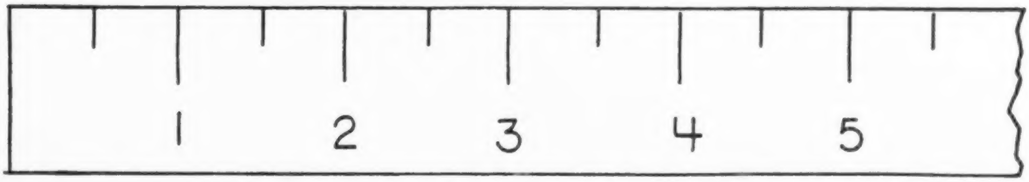
P.O. 2.10.10.01

NAME: ______________________ **CLASS:** __________ **DATE:** ________

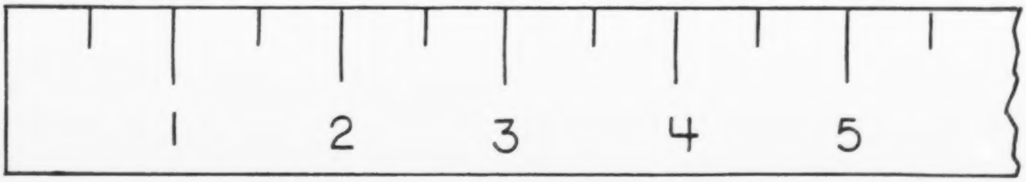
Color the rulers the number of inches named at the end of each ruler.



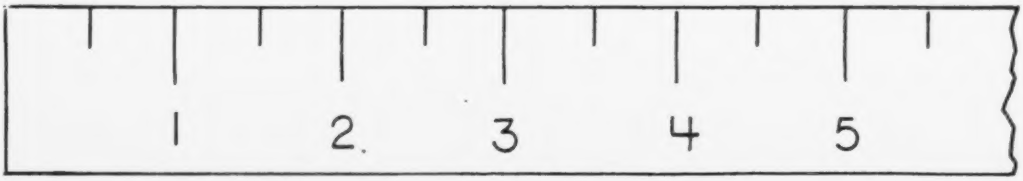
$2\frac{1}{2}$ INCHES



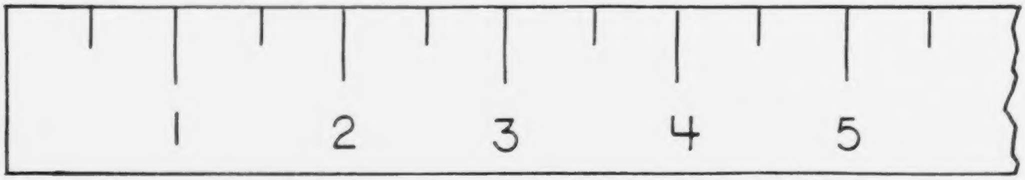
$4\frac{1}{2}$ INCHES



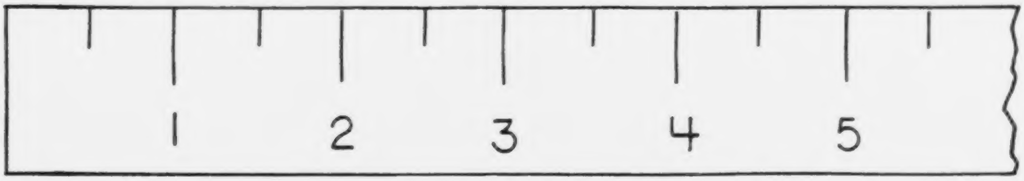
$1\frac{1}{2}$ INCHES



$3\frac{1}{2}$ INCHES



$5\frac{1}{2}$ INCHES

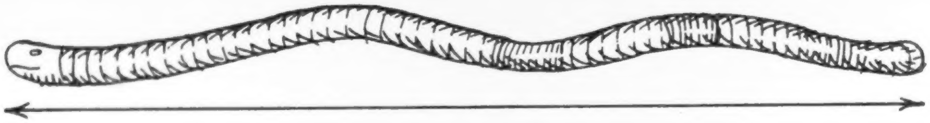


$\frac{1}{2}$ INCH

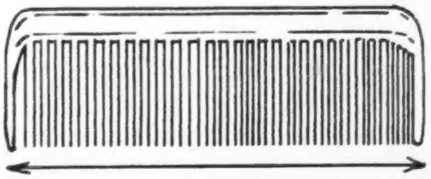
P.O. 2.10.10.02

NAME: ______________________ **CLASS:** __________ **DATE:** ________

Use your ruler to measure each picture to the nearest half inch and record its length.



$5\frac{1}{2}''$



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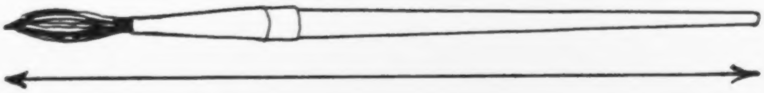

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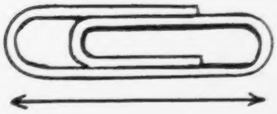

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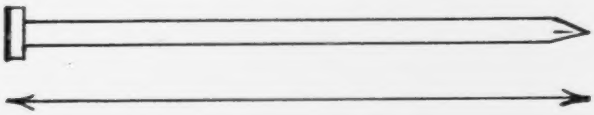
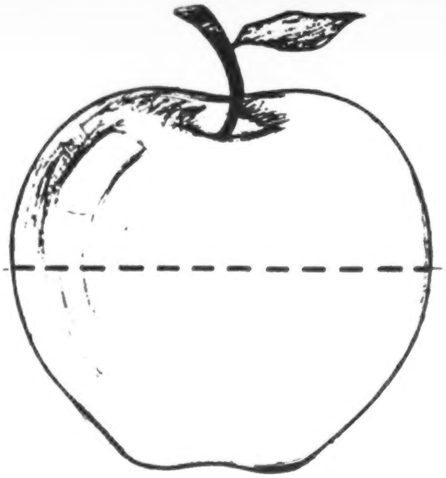


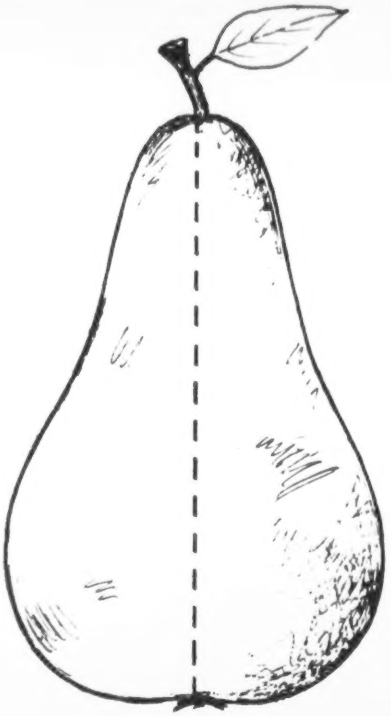
______

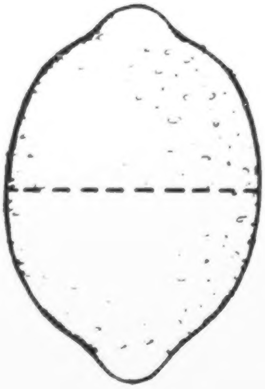
P.O. 2.10.10.03

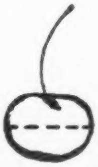
NAME: ______________________ CLASS: ________ DATE: ________

Measure each piece of fruit along the dotted line to the nearest half inch. Record the results on the chart.







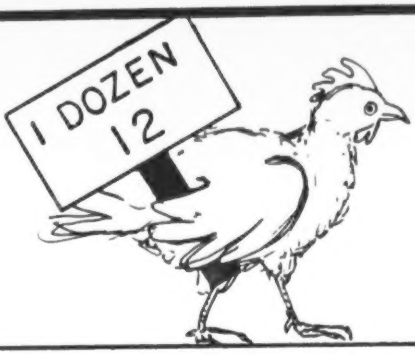


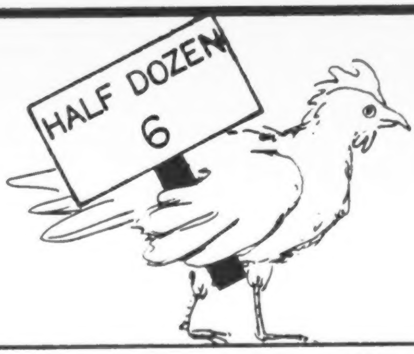
Fruit	Length to the Nearest $\frac{1}{2}$ Inch
apple	
pear	
lemon	
cherry	

P.O. 2.10.11.01

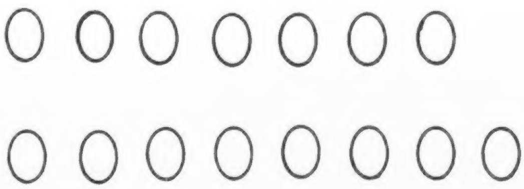
NAME: ______________________________ CLASS: __________ DATE: ________

Follow the directions below.

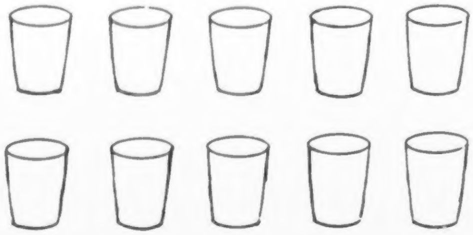




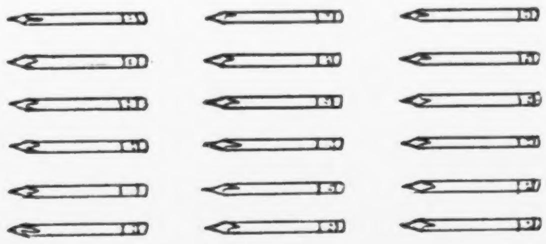
1. Place an X on one dozen eggs.



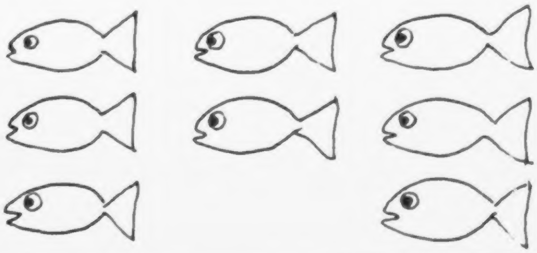
2. Place an X on a half dozen cups.



3. Place an X on one dozen pencils.



4. Place an X on a half dozen fish.



DO YOU REMEMBER?

This month is ________________.

Last month was ________________.

Next month will be ________________.

P.O. 2.10.11.02

NAME: ______________________ CLASS: ________ DATE: ________

Solve each problem.

Mother bought 6 apples.
Father bought 6 apples.
How many apples did they buy?

$$\begin{array}{rl} & 6 \\ + & 6 \\ \hline & \boxed{} \text{ apples} \\ & \boxed{} \text{ dozen apples} \end{array}$$

John ate a half dozen eggs.
Joe ate a half dozen eggs.
How many eggs did they eat?

$$\begin{array}{rr} \text{a half dozen} = & \boxed{} \\ + \ \text{a half dozen} = & \boxed{} \\ \hline = & \boxed{} \end{array}$$

Mother bought a dozen chocolate cookies and a half dozen vanilla cookies.
How many cookies did she buy?

$$\begin{array}{rl} & \boxed{} \\ & \boxed{} \\ \hline & \boxed{} \text{ cookies} \end{array}$$

Mother bought a dozen eggs.
Six of the eggs were eaten.
How many eggs were left?

$$\begin{array}{rl} & \boxed{} \\ & \boxed{} \\ \hline & \boxed{} \text{ eggs} \\ & \boxed{} \text{ dozen eggs} \end{array}$$

DO YOU REMEMBER?

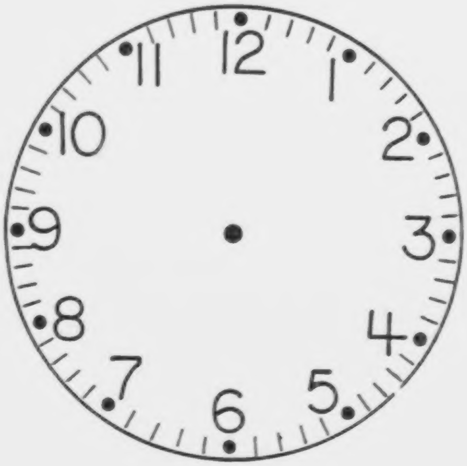
Place a √ next to the words which describe a triangle.

3 sides ____
no corners ____
4 corners ____
3 corners ____
round ____
4 sides ____

P.O. 2.10.12.01

NAME:________________________CLASS:________DATE:_______

Use the clock face to help you write the missing numerals.



60 seconds = ___ minute

60 minutes = ___ hour

1 hour = ___ minutes

1 minute = ___ seconds

DO YOU REMEMBER?

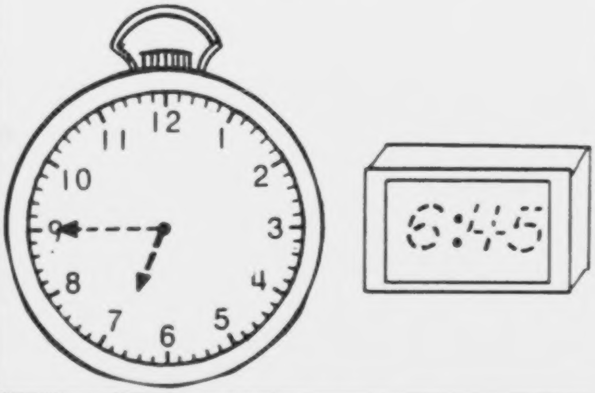
Solve	Check	Solve	Check
45 + 37		64 + 29	

P.O. 2.10.12.02

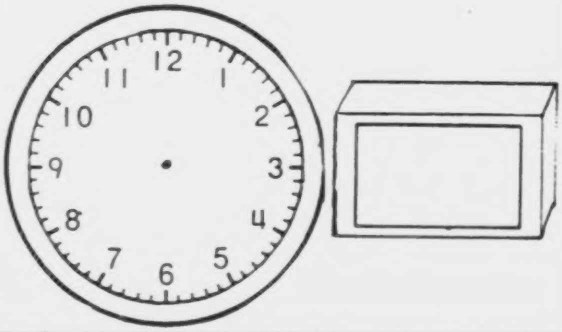
NAME:______________________________ CLASS:________ DATE:________

Draw the hands to show the correct time. Write the time in the digital clocks.

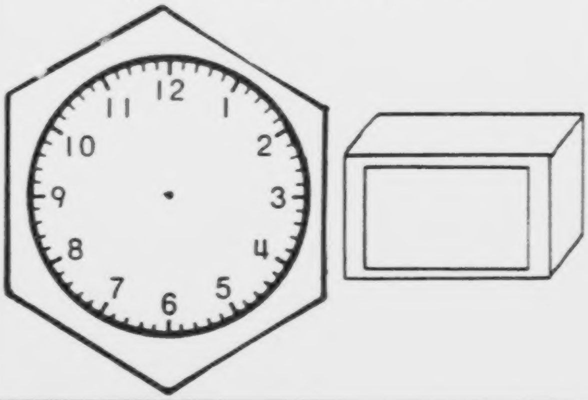
quarter to 7


12
1
2
3
4
5
6
7
8
9
10
11
6:45

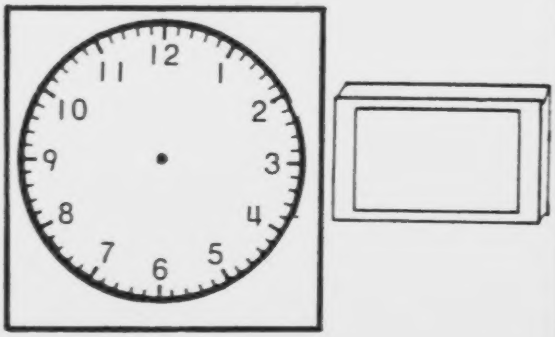
quarter after 9


12
1
2
3
4
5
6
7
8
9
10
11

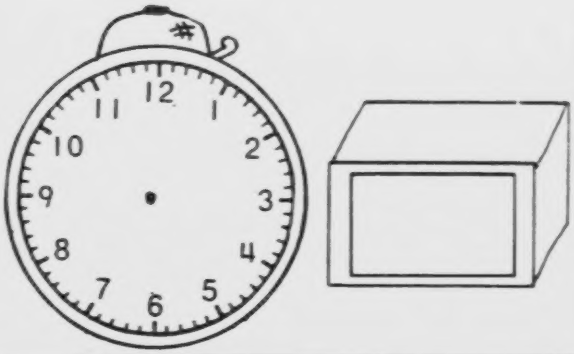
quarter after 3


12
1
2
3
4
5
6
7
8
9
10
11

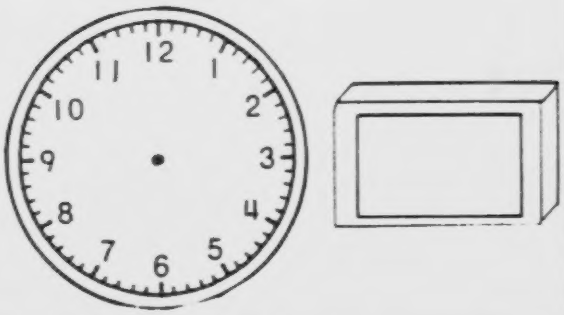
quarter to 5


12
1
2
3
4
5
6
7
8
9
10
11

quarter to 1


12
1
2
3
4
5
6
7
8
9
10
11

quarter after 11

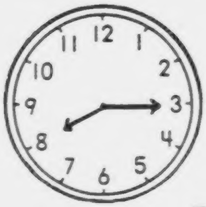

12
1
2
3
4
5
6
7
8
9
10
11

P.O. 2.10.12.02

NAME: ____________________ **CLASS:** ________ **DATE:** ________

Hector's mother went away for the day. She left him a list of things to do. Help Hector by writing the time next to the clocks in two different ways.

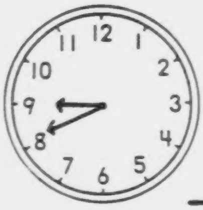
Eat breakfast.



8:15

quarter after 8

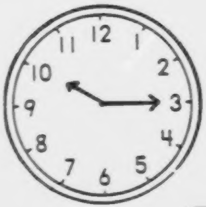
Clean your room.



____

____

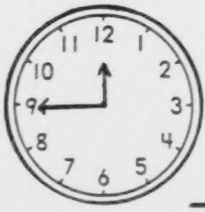
Go to the supermarket.



____

____

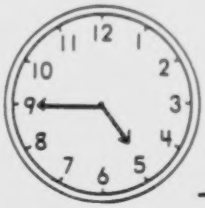
Eat lunch.



____

____

Walk the dog.



____

____

P.O. 2.10.12.03

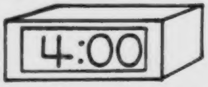
NAME:____________________ CLASS:________ DATE:_______

Solve each problem.

1. Mary ran in a race.
   It took her 1 minute to run the race.
   How many seconds did it take?

   ____

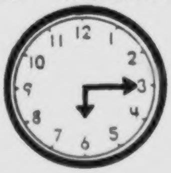
2. Jose started his homework at 3:30.
   When he finished, the clock looked
   like this.



   How long did it take Jose to do his homework?

   ____

3. Mother saw that her kitchen clock had stopped.
   She looked at her watch. It looked like this.



   What time is it? ________________

4. It took Kevin 1 hour to clean his room.
   How many minutes did it take?

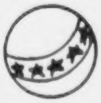
   ____

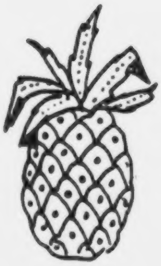
206

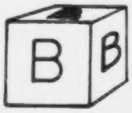
P.O. 2.09.04.01

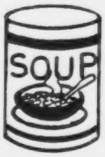
NAME: ____________________ CLASS: ________ DATE: ________

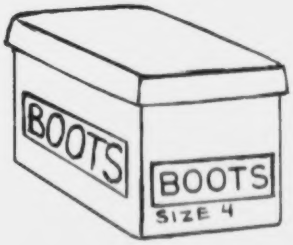
Look at the objects. Choose a word from the list to complete each sentence. Some sentences may have more than one correct answer.

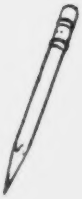












larger, smaller, heavier, lighter, square, round

1. The ball is ____________ than the pineapple.
2. The box of boots is ____________ than the pencil.
3. The shape of the ball is ____________.
4. The soup can is ____________ than the pencil.
5. The side of the block is ____________.
6. The pencil is ____________ than the rain boots.

DO YOU REMEMBER?

Solve Check

$$\begin{array}{r} \$2.45 \\ +3.22 \\ \hline \$\quad . \end{array}$$

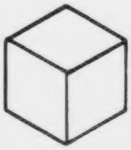
Solve Check

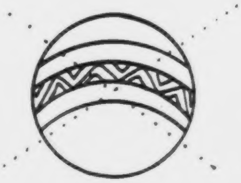
$$\begin{array}{r} \$4.36 \\ +5.62 \\ \hline \$\quad . \end{array}$$

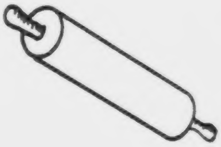
P.O. 2.09.04.02

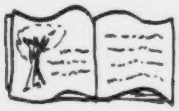
NAME: ______________________ CLASS: ________ DATE: ________

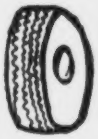
Place an X on the objects which can roll.

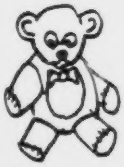


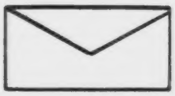


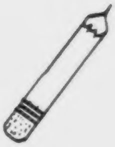


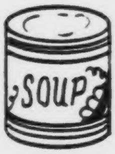


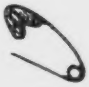


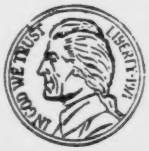


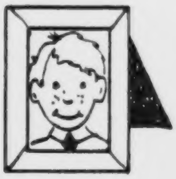









IN GOD WE TRUST
LIBERTY 1971



DO YOU REMEMBER?

● ● ● ●
● ● ● ●

one-half of eight = ______

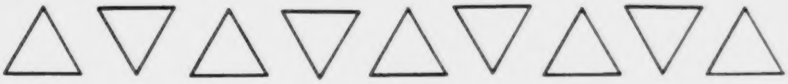
● ● ● ● ●
● ● ● ● ●

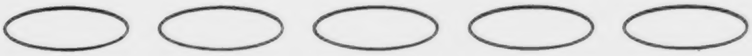
one-half of ten = ______

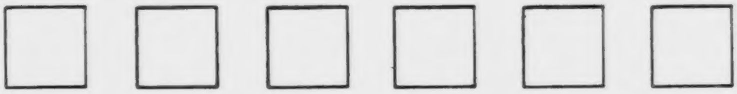
P.O. 2.09.04.03

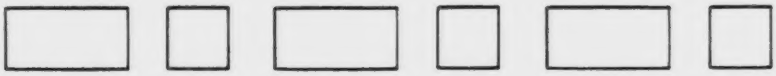
NAME:______________________________ CLASS:________ DATE:________

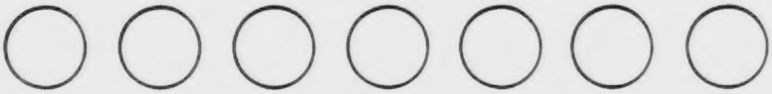
Place a check on the line near each group of shapes which will fit together without spaces.

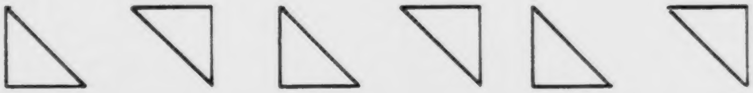
___✓___ 

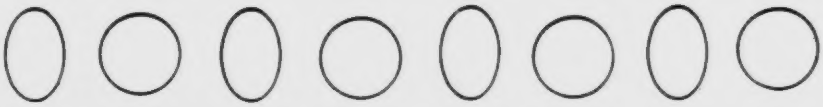
______ 

______ 

______ 

______ 

______ 

______ 

DO YOU REMEMBER?

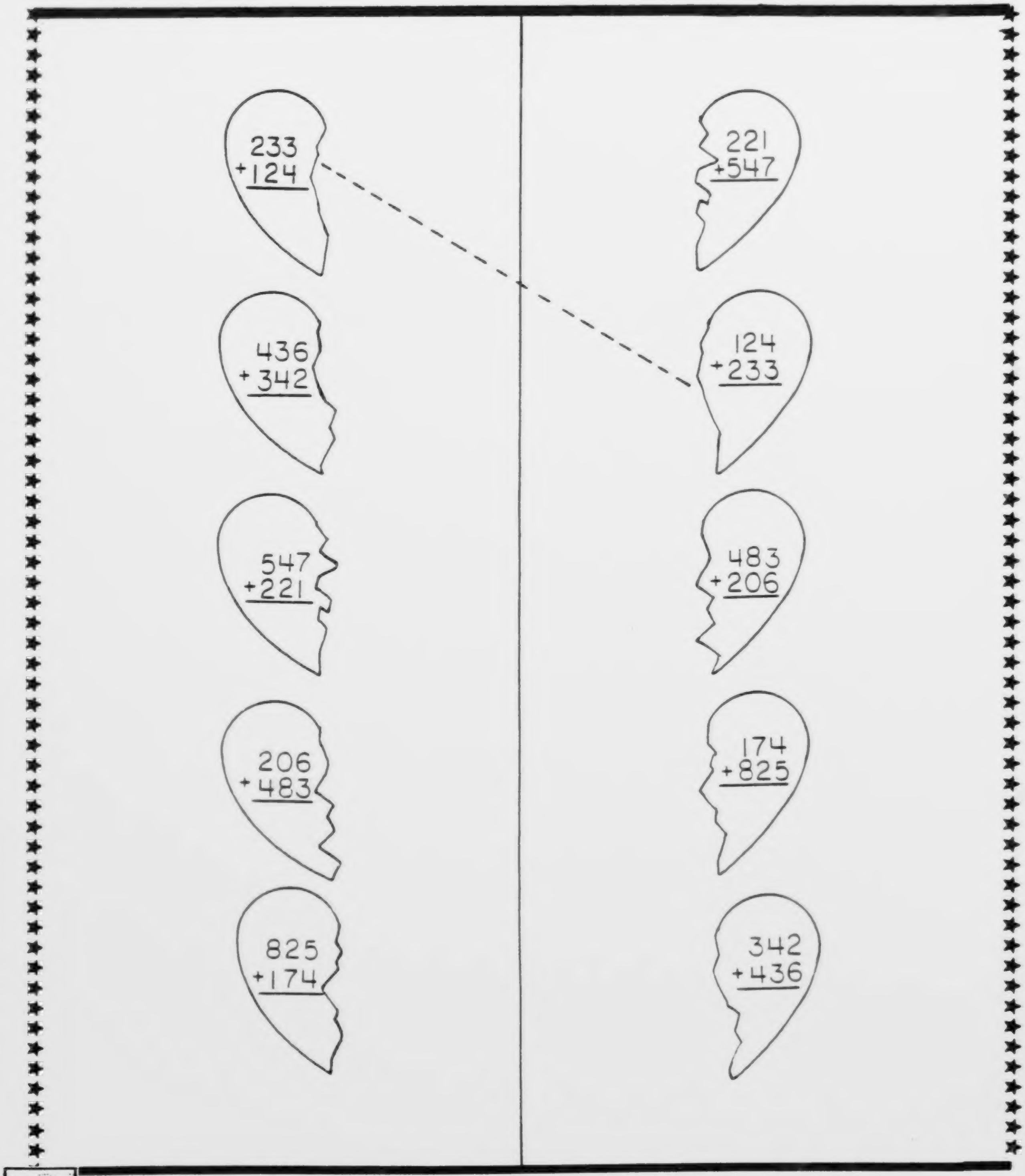
Mrs. Gold has 20 pencils.
Her 5 children will share them equally.
How many pencils will each child get?

______ pencils

P.O. 2.02.06.01

NAME: ______________________ **CLASS:** __________ **DATE:** ________

Mend the broken hearts by drawing a line between the halves which will have the same sum. Check by finding the sums.


233 + 124
221 + 547
436 + 342
124 + 233
547 + 221
483 + 206
206 + 483
174 + 825
825 + 174
342 + 436

P.O. 2.02.06.02

NAME:________________________ CLASS:________ DATE:________

Follow the directions below.

Complete the addition table.

+	0	1	2	3	4	5	6	7
0		1	2	3		5		7
1	1	2	3		5		7	
2	2	3	4	5	6	7		9
3				6		8	9	
4	4	5		7	8		10	11
5			7		9	10		12
6			8	9		11	12	13
7	7	8		10		12	13	

Find the sum for each pair of numbers. Color the box with the sum by using the color given.

If 2 + 3 = ☐ then 3 + 2 = ☐ (red)

If 4 + 5 = ☐ then 5 + 4 = ☐ (green)

If 1 + 7 = ☐ then 7 + 1 = ☐ (blue)

If 3 + 4 = ☐ then 4 + 3 = ☐ (yellow)

DO YOU REMEMBER?

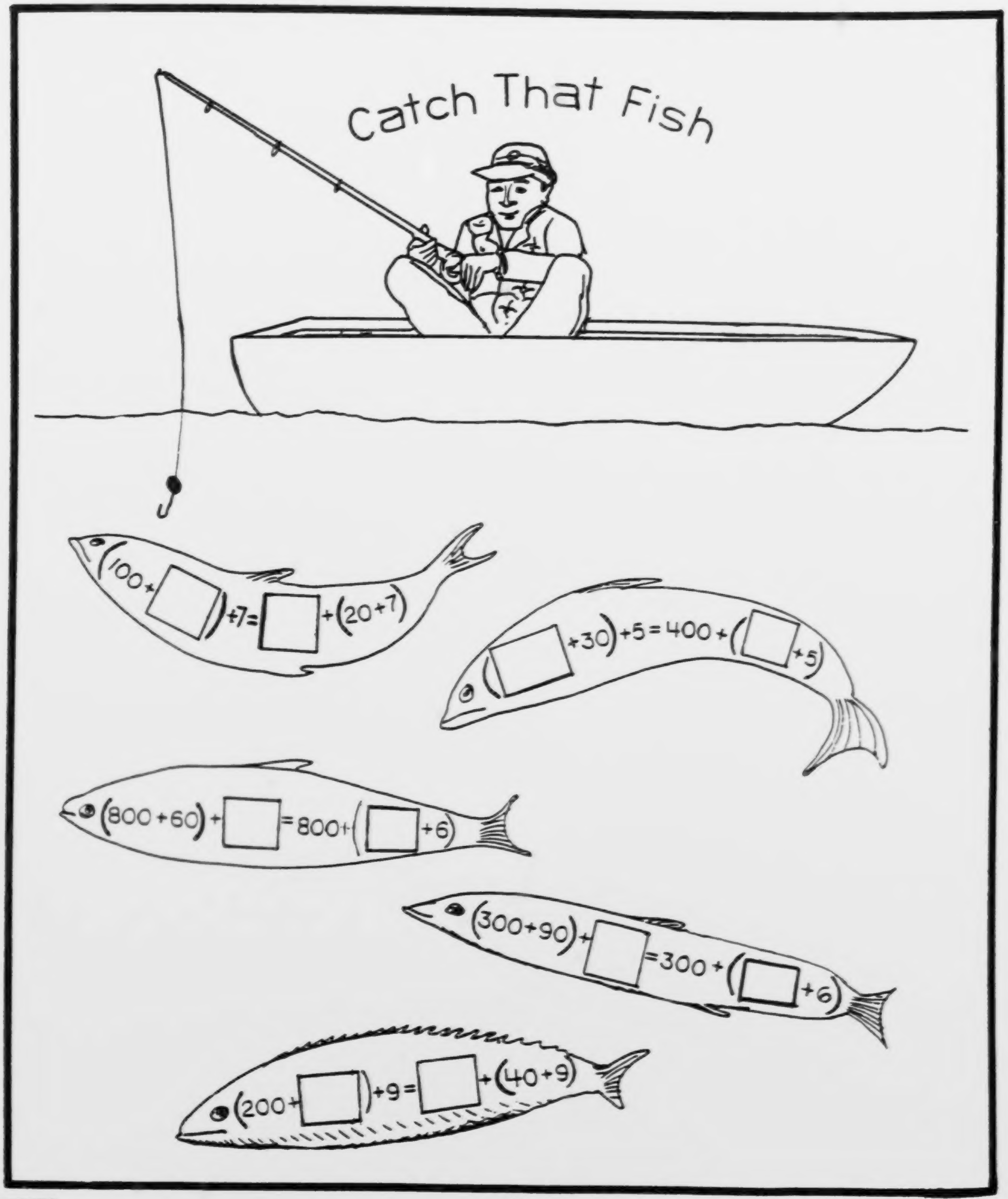
Tom's favorite television show begins at 4 o'clock.
It lasts for 60 minutes.
What time does it end?

____

P.O. 2.02.06.03

NAME: ______________________________ CLASS: __________ DATE: ________

Help the fisherman make a big catch by writing the missing numerals.



$(100 + \square) + 7 = \square + (20 + 7)$

$(\square + 30) + 5 = 400 + (\square + 5)$

$(800 + 60) + \square = 800 + (\square + 6)$

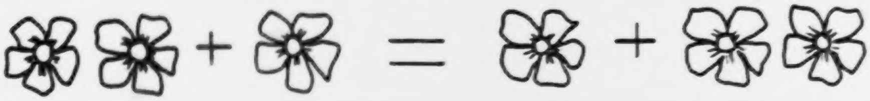
$(300 + 90) + \square = 300 + (\square + 6)$

$(200 + \square) + 9 = \square + (40 + 9)$

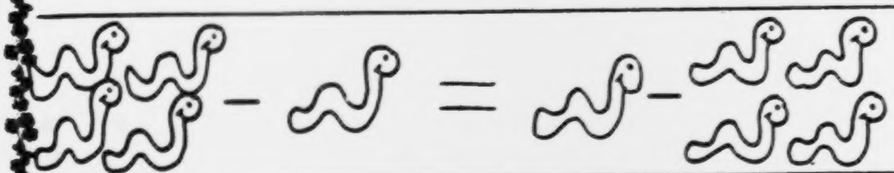
P.O. 2.03.06.01

NAME: ______________________ CLASS: ________ DATE: ________

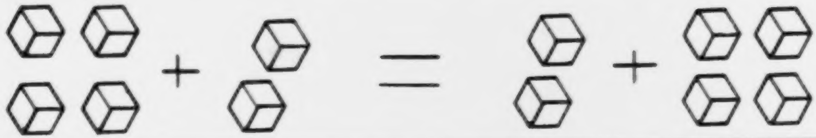
Read each number sentence. If it is true, write yes in the box. If it is not true, write no in the box.



yes



☐



☐

4 + 1 = 1 + 4 ☐

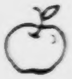
6 + 2 = 2 + 7 ☐

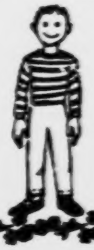
4 − 1 = 1 − 4 ☐

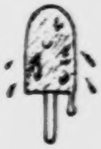
5 − 3 = 3 − 5 ☐

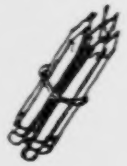
DO YOU REMEMBER ?

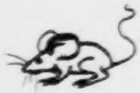
Circle the items you would weigh in ounces.

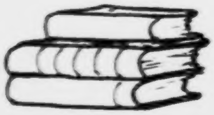












P.O. 2.03.06.02

NAME: ____________________ CLASS: ________ DATE: ________

Use the table to find the opposite of each number sentence below. Write the opposite number sentence.

+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9	10
2	2	3	4	5	6	7	8	9	10	11
3	3	4	5	6	7	8	9	10	11	12
4	4	5	6	7	8	9	10	11	12	13
5	5	6	7	8	9	10	11	12	13	14
6	6	7	8	9	10	11	12	13	14	15
7	7	8	9	10	11	12	13	14	15	16
8	8	9	10	11	12	13	14	15	16	17
9	9	10	11	12	13	14	15	16	17	18

① 3 + 4 = 7
7 - 4 = 3

② 9 - 3 = 6

③ 13 - 7 = 6

④ 8 + 4 = 12

⑤ 12 - 7 = 5

⑥ 7 + 9 = 16

⑦ 14 - 9 = 5

⑧ 7 + 8 = 15

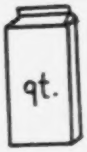
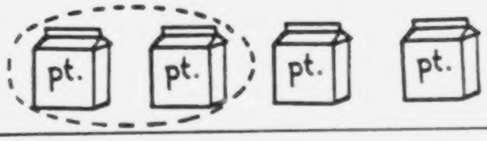
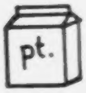
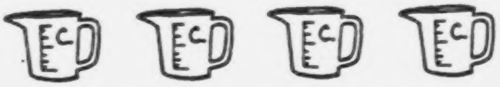
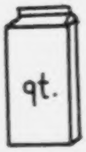
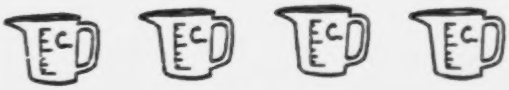
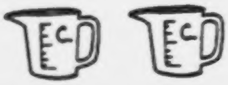
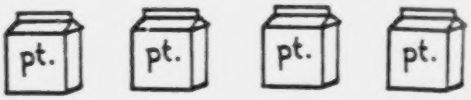
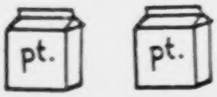
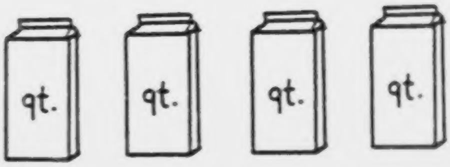
⑨ 9 - 5 = 4

⑩ 5 + 6 = 11

P.O. 2.10.13.01

NAME:________________________________ CLASS:__________ DATE:________

Look at the items in Column A. Circle the number of items in Column B that are equal to the item(s) in Column A.

COLUMN A	COLUMN B
	
	
	
	
	

DO YOU REMEMBER?

$3 + 7 = \square + 3$

$4 + 0 = 0 + \square$

$\square + 5 = 5 + 3$

$6 + \square = 4 + 6$

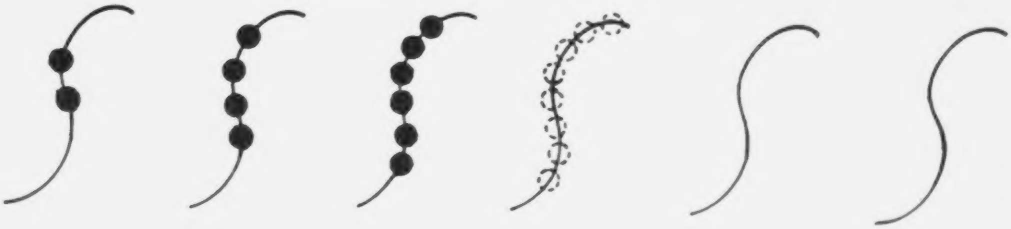
$2 + 7 = 7 + \square$

$1 + 8 = \square + 1$

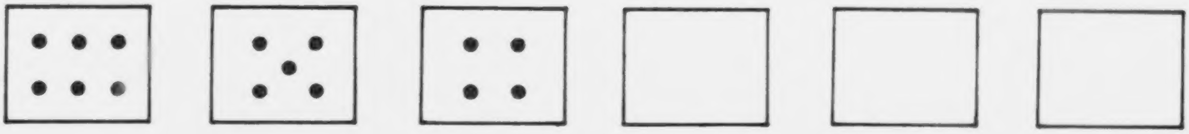
P.O. ____________

NAME: 2.13.04.01 ______________________ CLASS: ________ DATE: ________

Complete each pattern. Write the rule.



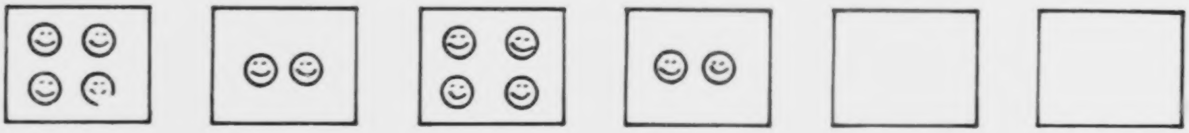
Rule: Add two beads.



Rule: ______________________

△△○□△△○□ ___ ___ ___ ___

Rule: ______________________

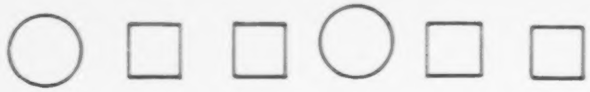


Rule: ______________________

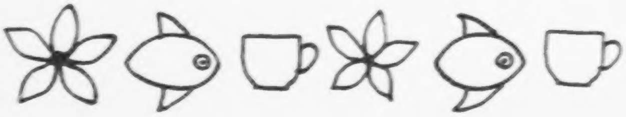
P.O. 2.13.04.02

NAME: ______________________ CLASS: ________ DATE: _______

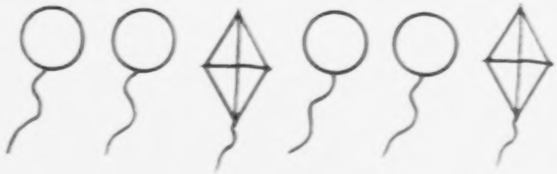
Complete each pattern. Write the rule.



Rule: circle, square, square



Rule: ______________________



___ ___ ___ ___

Rule: ______________________

DO YOU REMEMBER?

Forty-six newspapers were sold on Monday, 28 were sold on Tuesday, and 57 were sold on Wednesday.

How many newspapers were sold on Monday and Wednesday?

_________newspapers

How many newspapers were sold on Tuesday and Wednesday?

_________newspapers

P.O. 2.13.04.03

NAME: ______________________ CLASS: ________ DATE: _______

Complete each pattern. Write the rule.

15, 12, 9, 6, $\boxed{3}$

Rule: Subtract 3.

20, 22, 24, 26, ☐

Rule: ______________________

1, 3, 5, 7, ☐

Rule: ______________________

20, 15, 10, ☐

Rule: ______________________

10, 20, 30, 40, 50, ☐

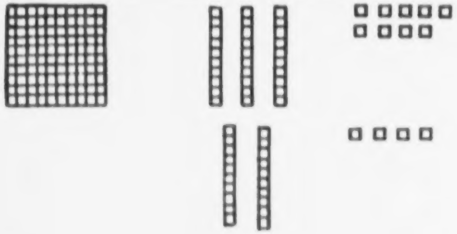
Rule: ______________________

218

P.O. 2.02.07.01

NAME: ______________________ CLASS: __________ DATE: ________

Solve each example using expanded notation.

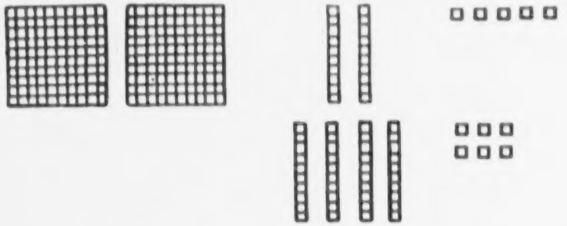


139 = 100+30+9

+ 24 = + 20+4

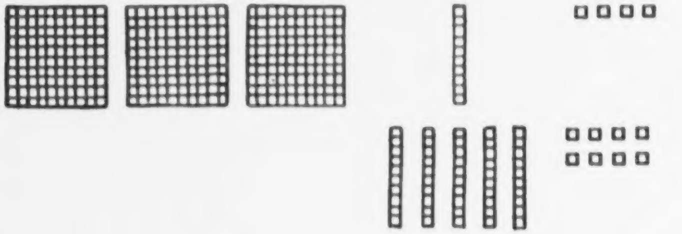
100+50+13

100+60+ 3=163



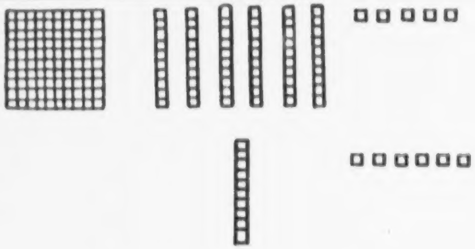
225 =

+ 46 =



314 =

+ 58 =



165 =

+ 16 =

P.O. 2.02.07.02

NAME: ________________ CLASS: ________ DATE: ________

Solve each addition example and check.

Solve

$$\begin{array}{r} 367 \\ +\ 25 \\ \hline 392 \end{array}$$

Check

$$\begin{array}{r} 25 \\ +367 \\ \hline 392 \end{array}$$

Solve

$$\begin{array}{r} 236 \\ +\ 46 \\ \hline \end{array}$$

Check

Solve

$$\begin{array}{r} 514 \\ +66 \\ \hline \end{array}$$

Check

Solve

$$\begin{array}{r} 55 \\ +229 \\ \hline \end{array}$$

Check

Solve

$$\begin{array}{r} 78 \\ +606 \\ \hline \end{array}$$

Check

DO YOU REMEMBER?

1 group of three = ______

2 groups of three = ______

3 groups of three = ______

4 groups of three = ______

5 groups of three = ______

P.O. 2.02.07.03

NAME: ____________________ **CLASS:** ________ **DATE:** ________

Use the price list to solve each example.
Check your answers.

Price List

Bread	\$1.19	Soda	\$.55
Milk	\$1.26	Eggs	\$.69
Coffee	\$2.39	Butter	\$.47
Chicken	\$3.45	Soup	\$.29

Solve

$$\begin{array}{r} \$1.19 \\ + \ .69 \\ \hline \$1.88 \end{array}$$

Bread

Eggs

Check

$$\begin{array}{r} \$\ .69 \\ + \ 1.19 \\ \hline \$1.88 \end{array}$$

Solve

$$\begin{array}{r} \$2.39 \\ + \ .55 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$1.26 \\ + \ .29 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$1.19 \\ + \ .47 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$2.39 \\ + \ .47 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$3.45 \\ + \ .29 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$3.45 \\ + \ .47 \\ \hline \end{array}$$

______
______

Check

Solve

$$\begin{array}{r} \$1.26 \\ + \ .55 \\ \hline \end{array}$$

______
______

Check

P.O. 2.02.07.04

NAME: ________________ CLASS: ________ DATE: ________

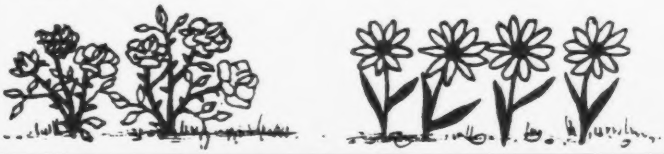
Solve each story problem and check.

I counted 113 cars.
My brother counted 77 more cars.
How many cars did we count in all?

Solve | Check

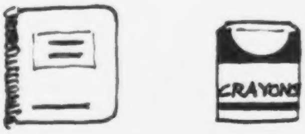
Solve | Check

Maria counted 154 roses and
29 daisies in her garden.
How many flowers did she count
in all?



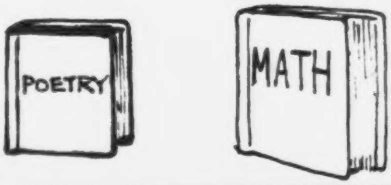
I bought a notebook for $1.57
and a box of crayons for $.39.
How much did I spend in all?

Solve | Check



My poetry book has 24 pages.
My math book has 168 pages.
How many pages are there in
both books?

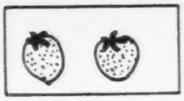
Solve | Check

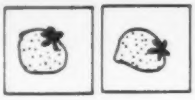


P.O. 2.04.05.01

NAME: ______________________ CLASS: ________ DATE: ________

Complete each multiplication number sentence.

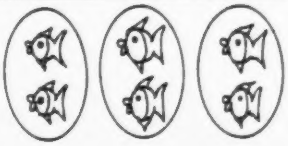


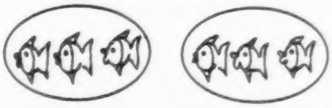


1 X 2 = 2

2 X 1 = 2

1 x 2 = 2 x 1

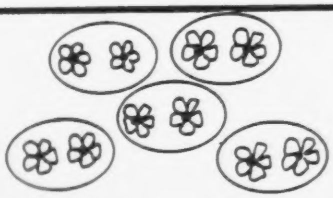


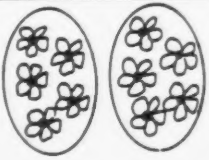


3 x ___ = ___

2 x ___ = ___

___ x ___ = ___ x ___

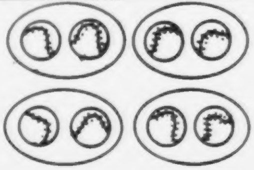


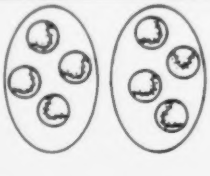


5 x ___ = ___

2 x ___ ___

___ x ___ = ___ x ___





4 x ___ = ___

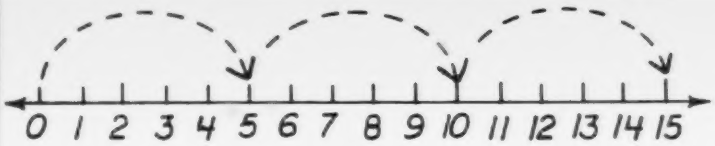
2 x ___ = ___

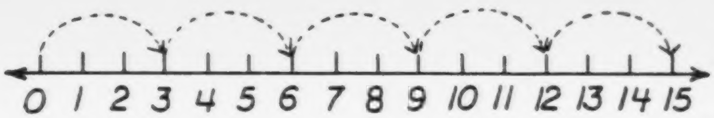
___ x ___ = ___ x ___

P.O. 2.04.05.02

NAME: ______________ CLASS: ______ DATE: ______

Draw the jumps on each number line.
Complete the multiplication number sentences.

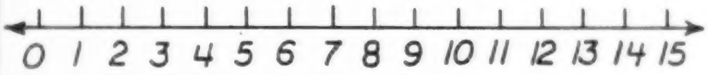

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

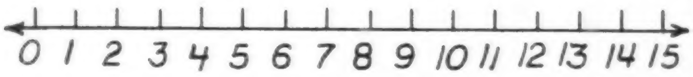

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

3 x 5 = ☐

5 x 3 = ☐

3 x 5 = 5 x 3

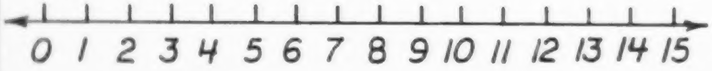

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

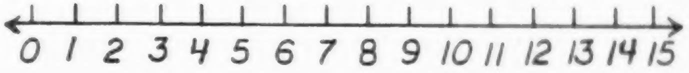

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

3 x 2 = ☐

2 x 3 = ☐

___ x ___ = ___ x ___


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

3 x 4 = ☐

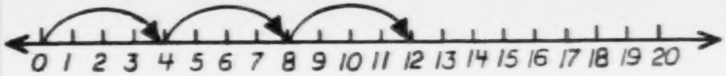
4 x 3 = ☐

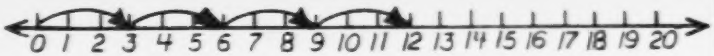
___ x ___ = ___ x ___

P.O. 2.04.05.03

NAME: ______________ CLASS: ________ DATE: ________

Use the number lines to complete the multiplication number sentences.

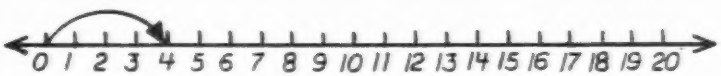

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

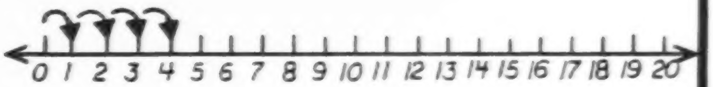

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

3 X 4 = 12

4 X 3 = 12

3 X 4 = 4 X 3

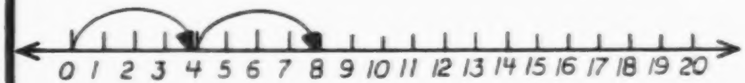

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

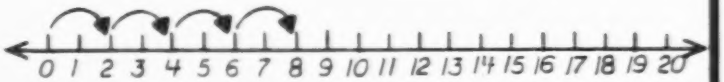

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

____ X ____ = ____

____ X ____ = ____

____ X ____ = ____ X ____


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

____ X ____ = ____

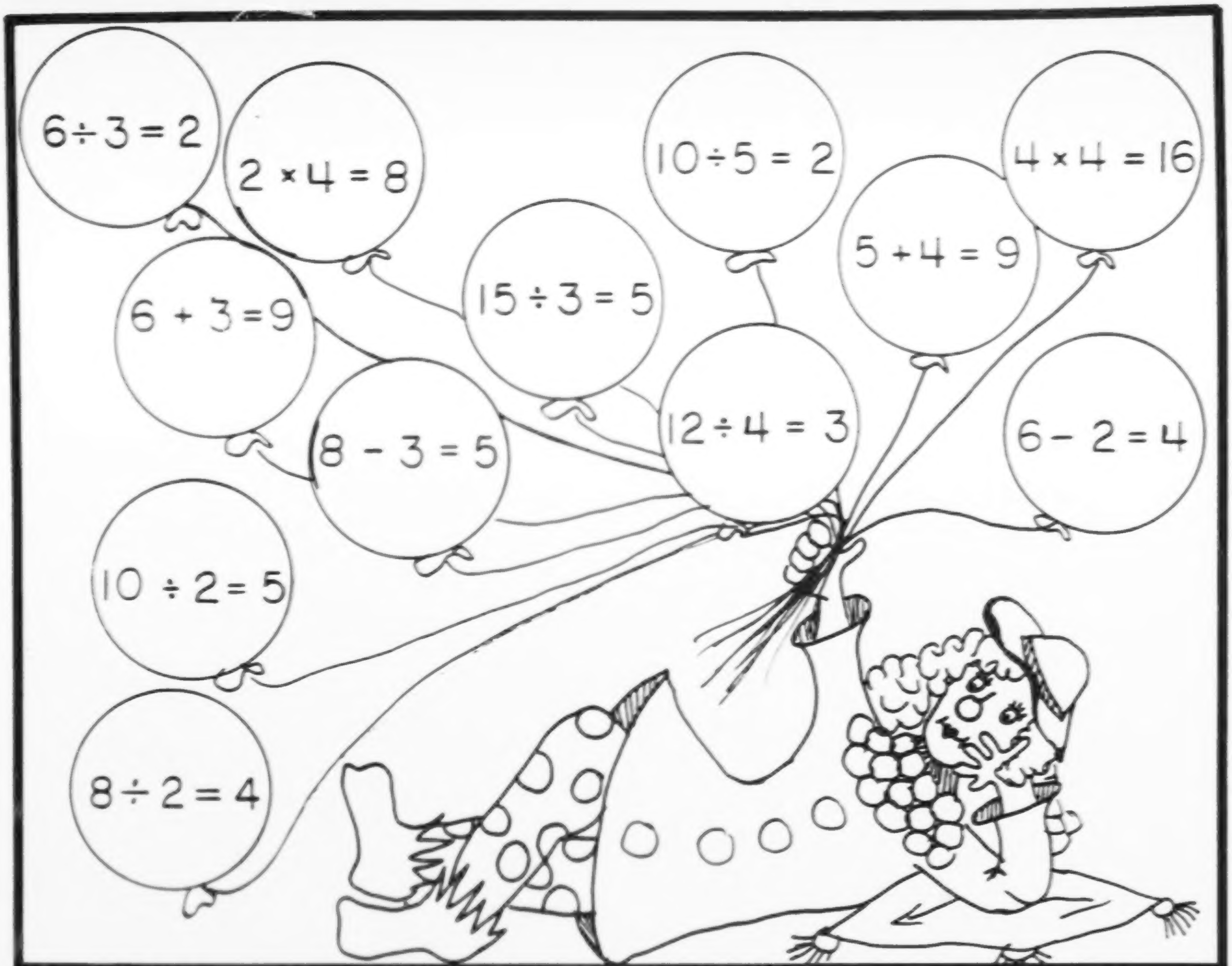
____ X ____ = ____

____ X ____ = ____ X ____

P.O. 2.05.06.01

NAME:____________________ CLASS:________ DATE:________

Color the balloons which show division number sentences.


6÷3=2
2×4=8
10÷5=2
4×4=16
5+4=9
6+3=9
15÷3=5
12÷4=3
6−2=4
8−3=5
10÷2=5
8÷2=4

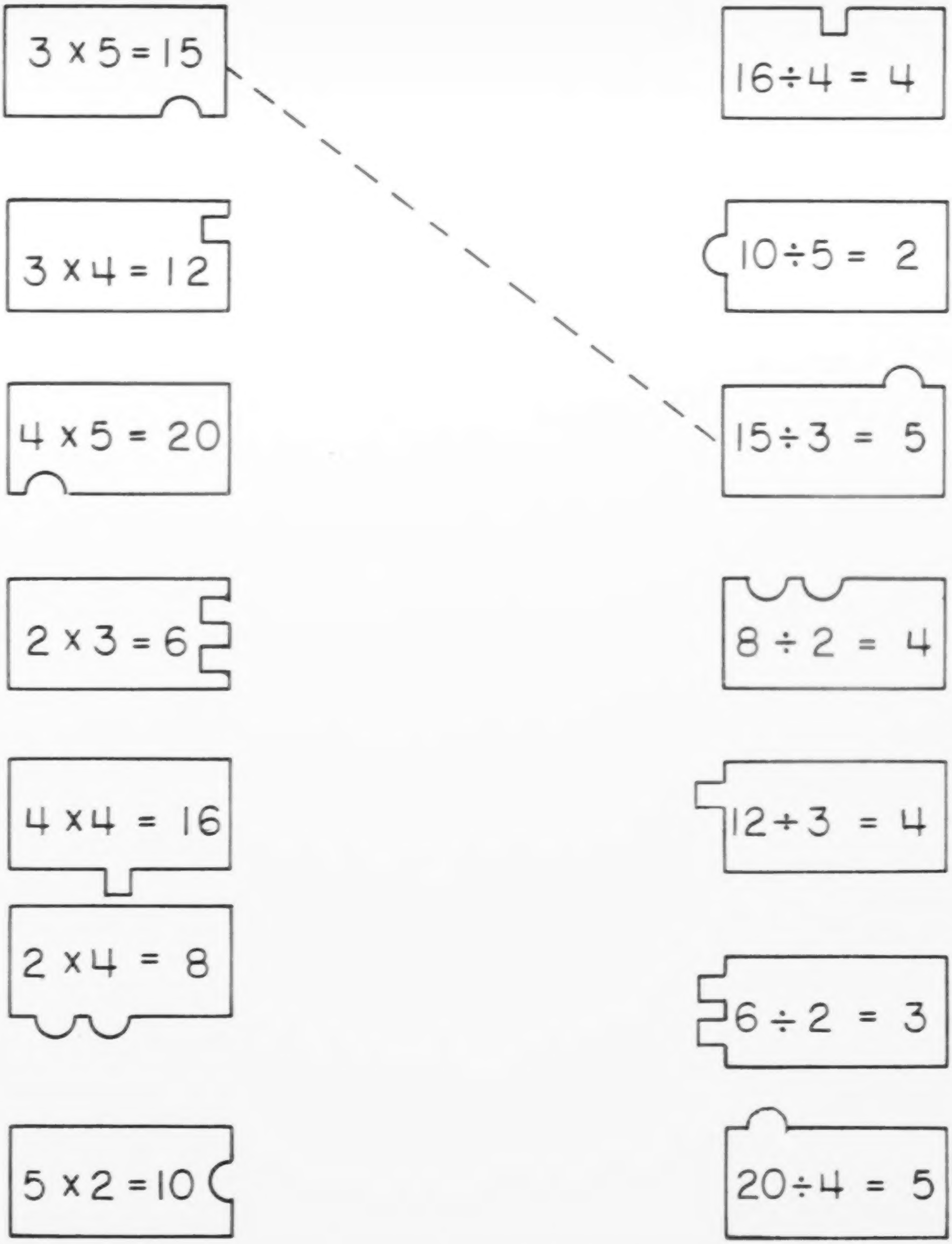
DO YOU REMEMBER?

Solve	Check	Solve	Check
349 + 24		235 + 55	

P.O. 2.05.06.02

NAME: ______________________ CLASS: __________ DATE: ________

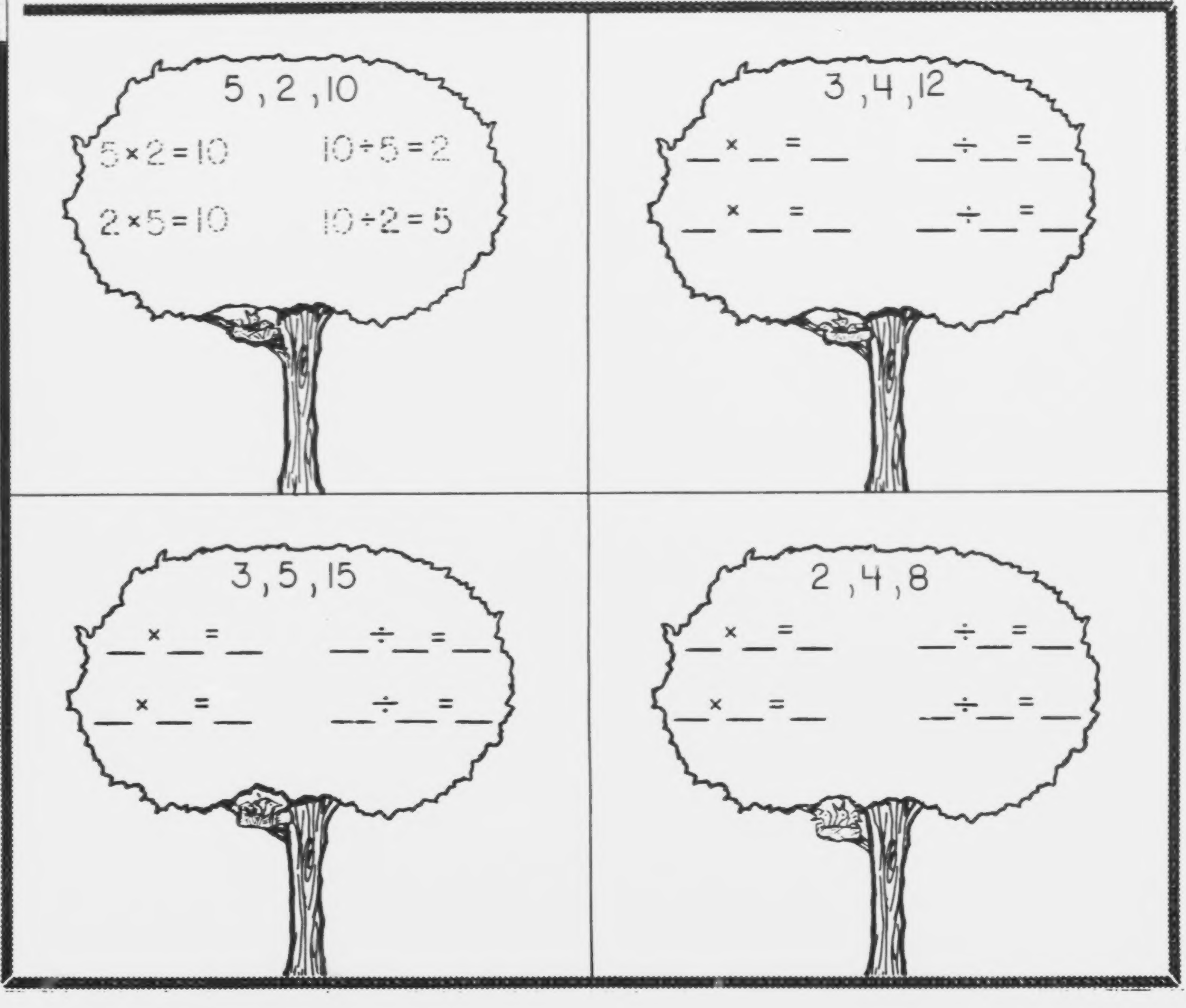
Match each puzzle piece to show that multiplication and division are inverse (opposite) operations.


3 x 5 = 15
16 ÷ 4 = 4
3 x 4 = 12
10 ÷ 5 = 2
4 x 5 = 20
15 ÷ 3 = 5
2 x 3 = 6
8 ÷ 2 = 4
4 x 4 = 16
12 ÷ 3 = 4
2 x 4 = 8
6 ÷ 2 = 3
5 x 2 = 10
20 ÷ 4 = 5

P.O. 2.05.06.03

NAME: ____________ CLASS: ________ DATE: ________

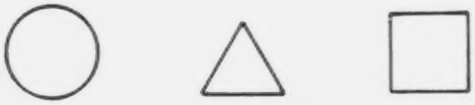
Write related multiplication and division number sentences to complete each family tree.


5 , 2 , 10
5 × 2 = 10
10 ÷ 5 = 2
2 × 5 = 10
10 ÷ 2 = 5
3 , 4 , 12
__ × __ = __
__ ÷ __ = __
__ × __ = __
__ ÷ __ = __
3 , 5 , 15
__ × __ = __
__ ÷ __ = __
__ × __ = __
__ ÷ __ = __
2 , 4 , 8
__ × __ = __
__ ÷ __ = __
__ × __ = __
__ ÷ __ = __

P.O. 2.12.04.01

NAME: ____________________ **CLASS:** ________ **DATE:** ________

Use the space below to show as many arrangements of the ○ , △ , and □ as possible.



DO YOU REMEMBER?

Sally used a dozen eggs to bake brownies.
Ernie used a half dozen eggs to bake cookies.
How many more eggs did Sally use than Ernie?

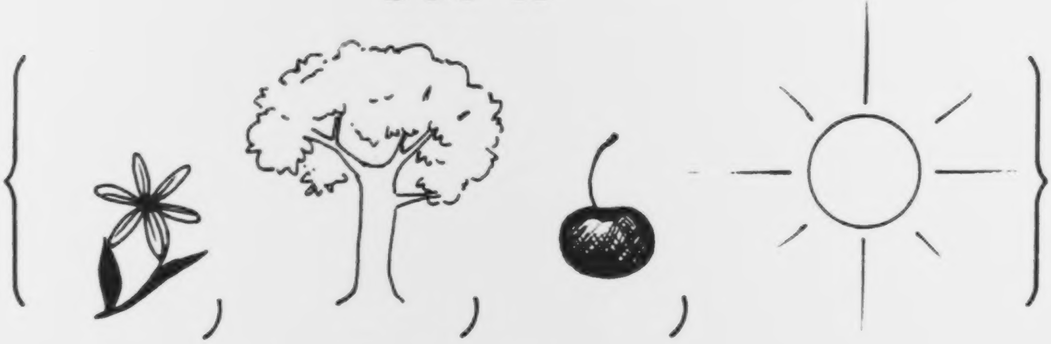
__________ eggs

P.O. 2.12.04.02

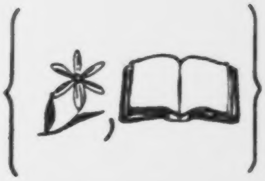
NAME: ____________________ CLASS: ________ DATE: ________

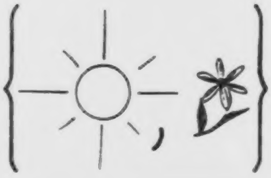
Follow the directions below.

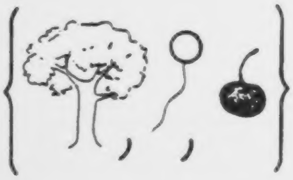
Set A



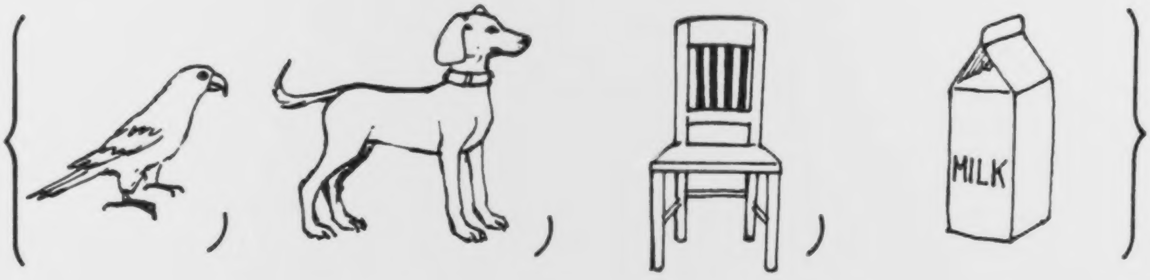
Draw a ring around the subset of Set A.



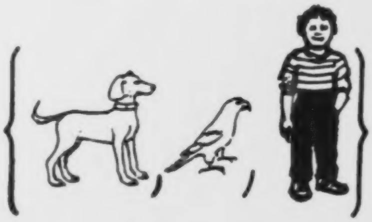


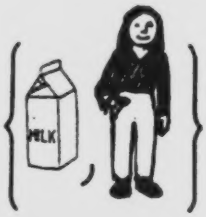


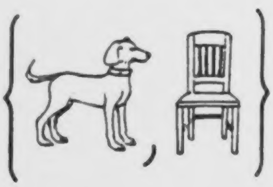
Set B



Draw a ring around the subset of Set B.



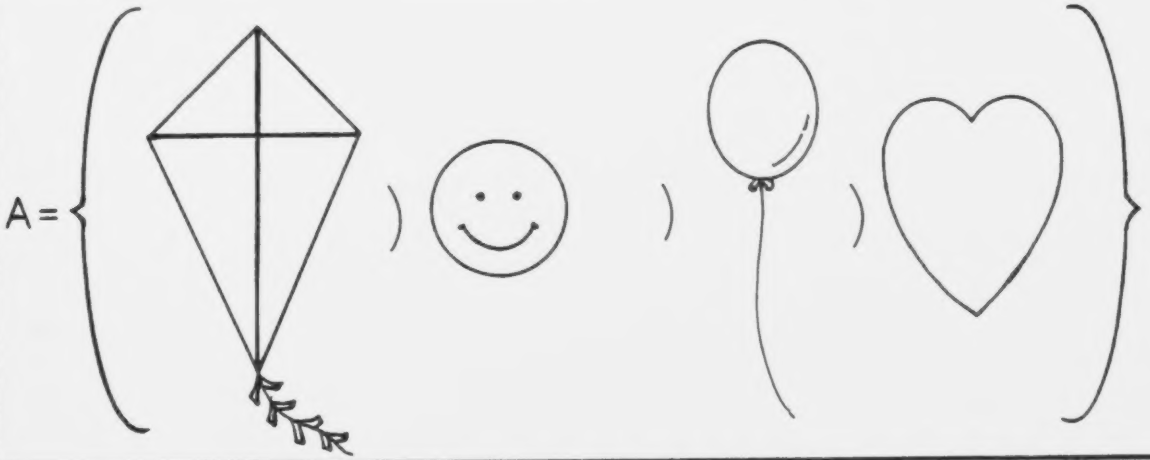




P.O. 2.12.04.03

NAME:____CLASS:__________DATE:________

Look at Set A. Draw four different subsets of Set A.



B = { }

C = { }

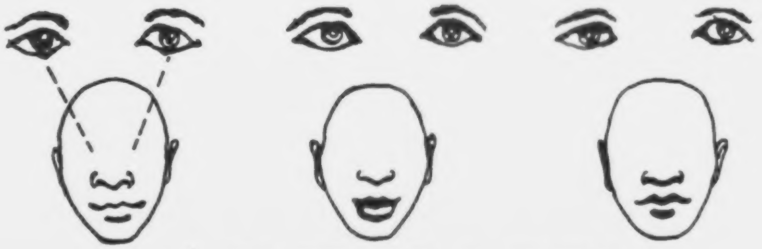
D = { }

E = { }

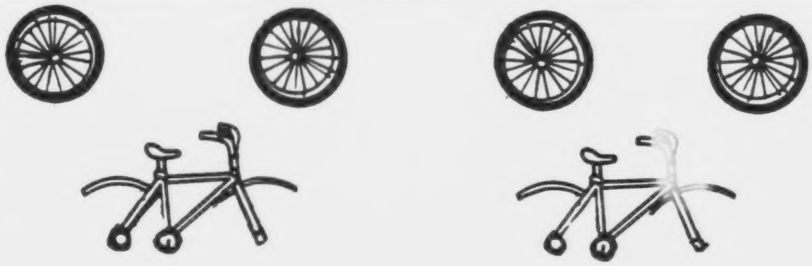
P.O. 2.12.05.01

NAME: ______________________ CLASS: ________ DATE: _______

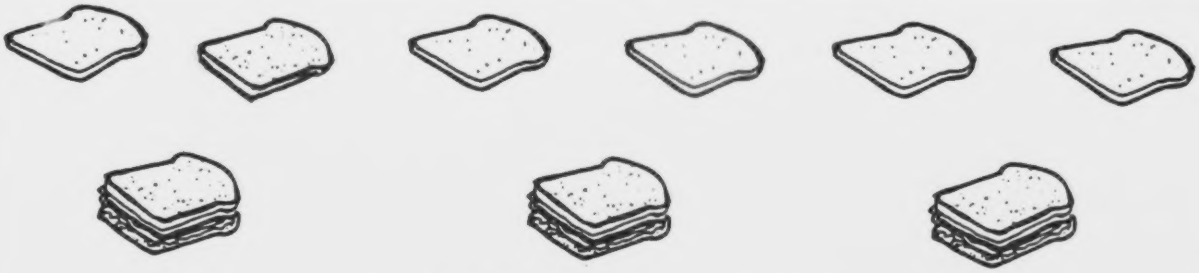
Draw lines to show the two-to-one ratio in each group.



2 EYES TO 1 FACE



___ WHEELS TO ___ BICYCLE



___ SLICES TO ___ SANDWICHES

DO YOU REMEMBER?

Look at the number family. 3, 4, 12

Write two multiplication sentences and two division sentences using these numbers.

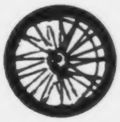
___ X ___ = ☐ ___ ÷ ___ = ☐

___ X ___ = ☐ ___ ÷ ___ = ☐

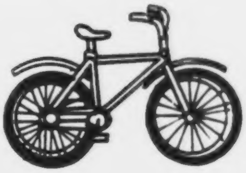
P.O. 2.12.05.02

NAME:______________________________ CLASS:__________ DATE:________

Complete each chart to show a two-to-one ratio.

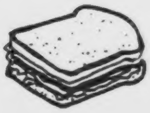


number of wheels	2	4	6	
number of bicycles	1	2	3	



number of ears	2	4		
number of rabbits	1	2		4

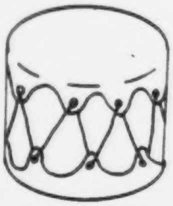
slices of bread	2		6	8
number of sandwiches	1		3	



P.O. 2.13.05.01

NAME: ______________________ CLASS: ________ DATE: _______

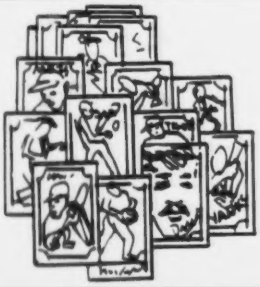
Do you have enough information to solve each problem?
Circle Yes or No.



There are 4 red drums and 6 blue drums. How many drums in all?

Yes

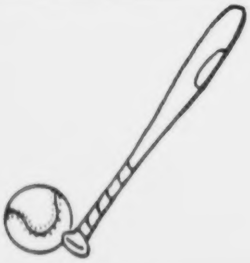
No



Tom has 30 baseball cards. He gave some to Jim. How many does he have left?

Yes

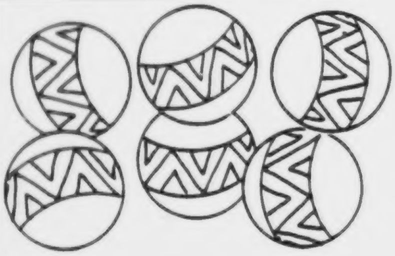
No



Peter played ball with his friends for 2 hours. What time did he stop playing?

Yes

No



Jan had 6 beach balls. She gave 3 of them away. How many did she have left?

Yes

No

DO YOU REMEMBER?

1 pint = ______ cups

1 quart = ______ cups

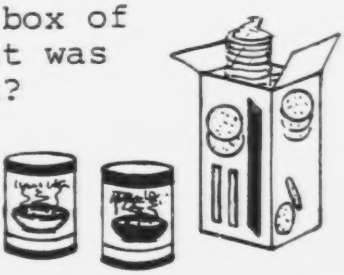
1 quart = ______ pints

P.O. 2.13.05.02

NAME: ______________________ CLASS: ________ DATE: _______

The problems below cannot be solved because more information is needed. Circle the information that would be needed to solve each problem.

Tanya bought 2 cans of soup and 1 box of crackers. What was the total cost?



The soup cost 50¢ each and the crackers cost 40¢.

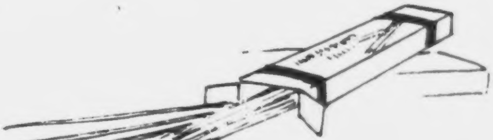
She saved 35¢ on crackers.

Robert likes bananas. How many bananas does he eat in 4 days?

He eats 2 bananas each day.

He eats bananas every day.

John bought spaghetti. He gave the clerk 75¢ How much change did he get?



He also bought cheese for $1.00.

The spaghetti cost 59¢.

Carla ran 2 miles on Thursday. How much farther did Carla run on Wednesday than on Thursday?

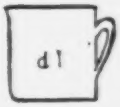
She ran 4 miles on Wednesday.

She ran faster on Wednesday.

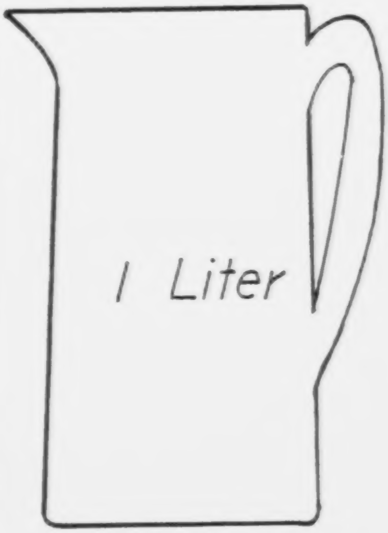
P.O. 2.10.14.01

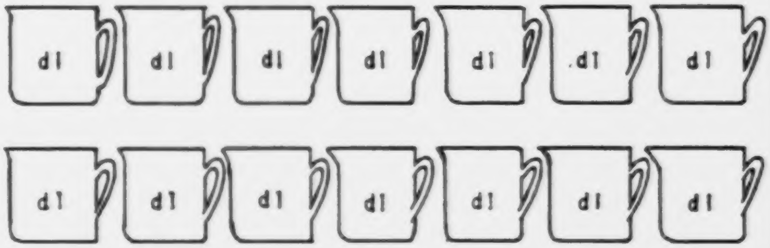
NAME: ____________________ CLASS: ________ DATE: ______

Circle the number of deciliters equal to 1 liter.
Then complete the sentences below.



= 1 deciliter




dl
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One liter is equal to ______ deciliters.

Two liters equal ______ deciliters.

A deciliter is what fractional part of a liter? ________